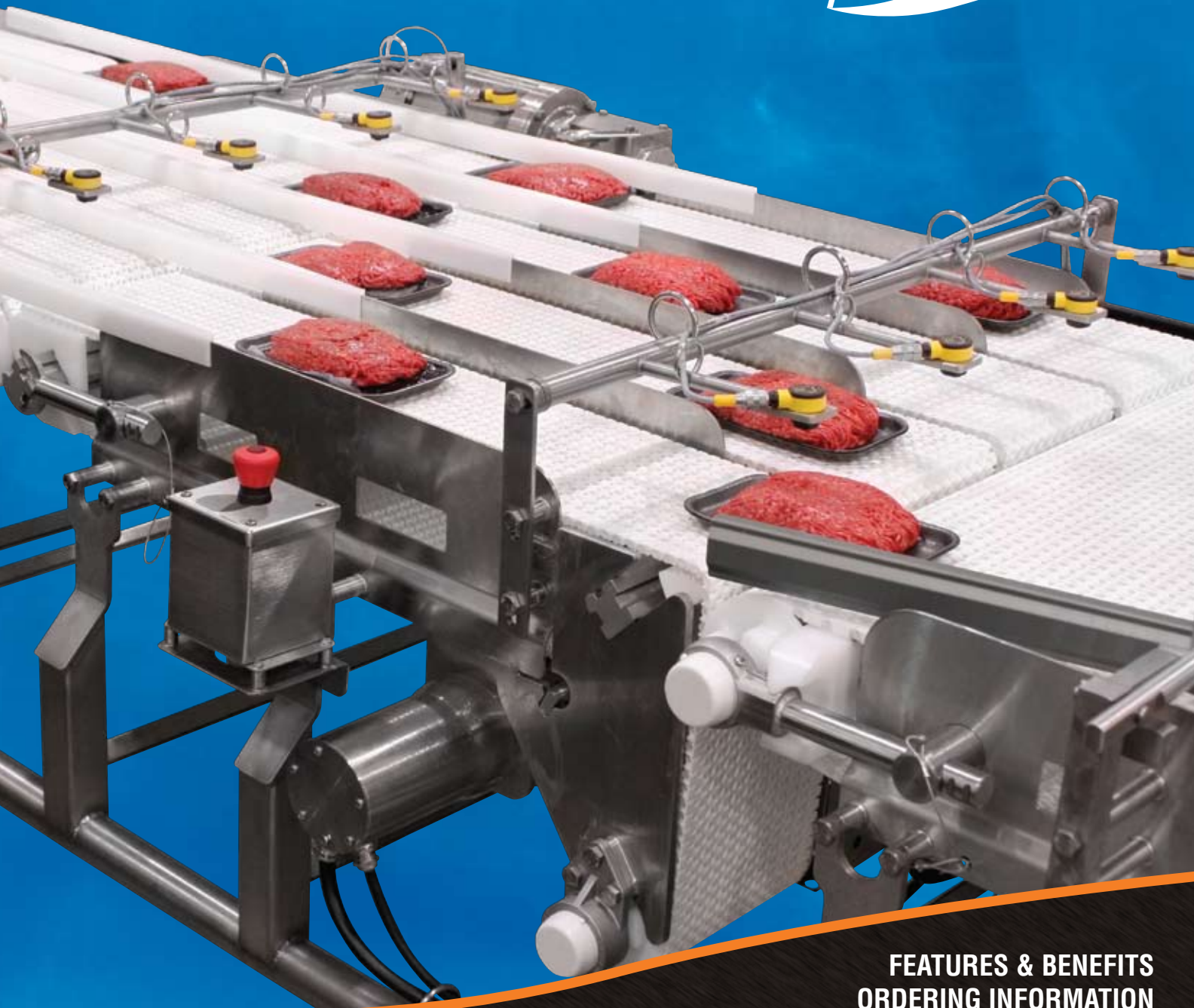


FULL SPECIFICATIONS

DORNER[®]
MOVE FAST. MOVE SMART.

AquaGard[™]

AquaPruf[®]



FEATURES & BENEFITS
ORDERING INFORMATION

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AquaGard™ 7350 & 7360 Series Conveyors

**Improve your bottom line results
with industry leading speeds,
best in class product transfers,
and ease of automation.**

Dorner's AquaGard is ready for
your next product Move!

AquaGard™



**7350 Available in
Straight, Curve & Z-Frame Models**

See page 36 for complete product details

**7360 Available in Straight
and Z-Frame Models**

See page 80 for complete product details




From packaging to processing, Dorner has the food industry covered. By offering three series of sanitary conveyors – *AquaGard™*, *AquaPruf®* and *AquaPruf® Ultimate* – Dorner can meet virtually any need.

To identify the series best for you, simply locate your market and application in one of the four charts below. You can then utilize the chart stretching along the bottom of the page to select your specific conveyor model.



MARKET	BAKERY • SNACK FOODS • CONFECTIONARY		
APPLICATION	PACKAGED	COOKED	RAW
RECOMMENDED PLATFORM	<i>AquaGard™</i>		



MARKET	FRUITS • VEGETABLES • NON-PROTEIN READY-TO-EAT		
APPLICATION	PACKAGED	COOKED	RAW
RECOMMENDED PLATFORM	<i>AquaGard™</i>		<i>AquaPruf®</i>

	Cleaning Method			Type of Cleaning Agent				Environment	
	Wipe Down	Wash Down		Water	Soap/Water	Diluted Bleach or Alcohol	Foaming Caustic	Dry	Wet
		Low Pressure	High Pressure						
<i>AquaGard™</i>	7200	●	●		●	●	●		
	7300	●	●	●	●	●		●	
	7350	●	●		●	●		●	●
	7360	●	●		●	●		●	●
<i>AquaPruf®</i>	7400	●	●	●	●	●	●	●	●
	7600	●	●	●	●	●	●	●	●
<i>AquaPruf® ULTIMATE</i>	7400U	●	●	●	●	●	●	●	●
	7600U	●	●	●	●	●	●	●	●


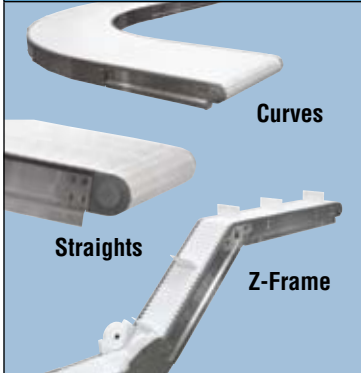



MARKET	PROTEINS • DAIRY • READY-TO-EAT W/PROTEIN		
APPLICATION	PACKAGED	COOKED	RAW
RECOMMENDED PLATFORM	AquaPruf®		AquaPruf® Ultimate

MARKET	MEDICAL • PERSONAL CARE • PHARMACEUTICAL		
APPLICATION	PACKAGED	PROCESSED	RAW MATERIALS
RECOMMENDED PLATFORM	AquaGard™		AquaPruf®

Sanitary Features							Approvals	Belt Type	Frame Construction	Offering
Belt Lifters	Clean Out Windows	Tip Up Tail	Complete Tool-less Disassembly	FDA	Bissc	USDA Red Meat & Poultry				
				•	•		Belt	Single Piece Stainless Steel	Straight	
				•	•		Belt	Single Piece Stainless Steel	Straight	
				•	•		Modular Plastic	TIG Welded Stainless Steel	Straight/ Curve/Z-Frame	
		•		•	•		Belt	TIG Welded Stainless Steel	Straight/Z-Frame	
•	•	•		•	•		Modular Plastic	Continuous TIG Welded Stainless Steel	Straight/ Curve/Z-Frame	
•	•	•		•	•		Belt	Continuous TIG Welded Stainless Steel	Straight/ Z-Frame	
•	•	•	•	•		•	Modular Plastic	Continuous TIG Welded Stainless Steel	Straight/ Curve/Z-Frame	
•	•	•	•	•		•	Positive Belt Driven	Continuous TIG Welded Stainless Steel	Straight/ Z-Frame	

CONVEYOR COMPARISON / SELECTION CHART

	AquaGard™ 7200 & 7300		AquaGard™ 7350		AquaGard™ 7360	
	 <p>7200 7300</p>		 <p>Curves Straights Z-Frame</p>		 <p>Straights Z-Frame</p>	
Features	<ul style="list-style-type: none"> • Low profile • Sealed stainless steel bearings with FDA lubricant • Self tracking v-guided belts • Stainless steel frame • Wipe down and liquid spray washdown with certain cleaning agents • Wedge-Lok™ System for impact protection • 7200: Low Pressure Wash: (Less than 100 PSI) • 7300: High Pressure Wash: (100 - 1,500 PSI) 		<ul style="list-style-type: none"> • TIG welded stainless steel frame • Open frame design • Available in modular plastic belt • Hard chrome coated bearings with FDA lubricant • Nose bar tails available • Power transfer available • No drilling required for automation or guiding • 10 guiding packages available • Wipe down and liquid spray washdown with certain cleaning agents • Low Pressure Wash: (100 PSI) 		<ul style="list-style-type: none"> • TIG welded stainless steel frame • Open frame design • Available in self tracking v-guided belts • Hard chrome coated bearings with FDA lubricant • Nose bar tails available • Power transfer available • No drilling required for automation or guiding • 10 guiding packages available • Wipe down and liquid spray washdown with certain cleaning agents • Low Pressure Wash: (100 PSI) 	
Belt Type	Flat & Cleated Belt		Flat Belt	Cleated Belt	Flat Belt	Cleated Belt
Drive Locations	End Drive		End Drive	End Drive	End & Center Drive	End Drive
Construction	Stainless Steel		Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Belt Widths	1.75" - 18" (45 - 457 mm)		4" - 36" (102 - 914 mm)	6" - 24" (152 - 610 mm)	4" - 52" (102 - 1,321 mm)	4" - 24" (102 - 610 mm)
Conveyor Lengths	2' - 18' (610 - 5,486 mm)		3' - 83.25' (914 - 25,375 mm)	3' - 83.25' (914 - 25,375 mm)	3' - 40' (914 - 12,192 mm)	3' - 40' (914 - 12,192 mm)
Max Belt Speed	264 ft/min (81 m/min)		260 ft/min (78.6 m/min)	260 ft/min (78.6 m/min)	300 ft/min (91 m/min)	300 ft/min (91 m/min)
Maximum Load	60 lbs (27 kg)		750 lbs (338 kg)	750 lbs (338 kg)	500 lbs (227 kg)	500 lbs (227 kg)
Frame Configuration	Straight		Straight, Curved & Z-Frame	Straight & Z-Frame	Straight & Z-Frame	Straight & Z-Frame
Frame Height	1.48" (38 mm)		5.6" (142 mm)	5.6" (142 mm)	5.6" (142 mm)	5.6" (142 mm)
Pulley Diameter	1.25" (32 mm)		4.3" (109 mm)	4.3" (109 mm)	3.5" (89 mm)	3.5" (89 mm)
Page	12 & 14		40, 44, 46 & 50	42 & 48	84 & 88	86 & 90

CONVEYOR COMPARISON / SELECTION CHART



- Contiguous TIG welded 304 stainless steel frame
- Bearings are 400 stainless steel mounted in cast stainless steel housings
- Solid UHMW wear strips lift without tools
- Flange belt tracking system is mounted to frame
- Modular Plastic Belt
- Drive sprockets mounted to 1.5" square stainless steel shaft
- Return belt supports are segmented plastic slide blocks
- High Pressure Wash: (100 - 1,500 PSI)



- Contiguous TIG welded 304 stainless steel frame
- Bearings are 400 stainless steel mounted in cast stainless steel housings
- Solid UHMW wear strips lift without tools
- Flat belts or self tracking v-guided bolts for optimum performance
- 3.5" diameter drive roller with cast-on urethane lagging
- Return belt supports are 4" UHMW rollers
- High Pressure Wash: (100 - 1,500 PSI)



- Positive driven urethane belting and modular belt
- Solid cross members (no hollow tubes)
- #4 brush finish on all frame members
- TIG welded standoffs
- Open access to tail pulleys
- Solid UHMW idler pucks with open flanges
- Cleaning channels on all belt tracking pucks
- O-ring on spindles to stop migration of fluids
- Threadless stainless steel support stand feet
- High Pressure Wash: (100 - 1,500 PSI)

Flat Belt	Cleated Belt
Side & Nose Bar Drive	Side & Nose Bar Drive
Stainless Steel	Stainless Steel
6" - 60" (152 - 1,524 mm)	6" - 60" (152 - 1,524 mm)
3' - 83.25' (914 - 25,375 mm)	3' - 83.25' (914 - 25,375 mm)
233 ft/min (71 m/min)	233 ft/min (71 m/min)
20 lbs/sq. ft. of belt (90 kg/sq. meter of belt)	20 lbs/sq. ft. of belt (90 kg/sq. meter of belt)
Straight, Curved & Z-Frame	Straight & Z-Frame
5.65" (143 mm)	5.65" (143 mm)
Std. Idler: 4.3" (109 mm) Nose Bar: 1.5" (38 mm)	Std. Idler: 4.3" (109 mm) Nose Bar: 1.5" (38 mm)

124, 128 & 130

126 & 132

Flat Belt	Cleated Belt
End & Center Drive	End Drive
Stainless Steel	Stainless Steel
6" - 60" (152 - 1,524 mm)	6" - 24" (152 - 610 mm)
3' - 40' (914 - 12,192 mm)	3' - 40' (914 - 12,192 mm)
328 ft/min (100 m/min)	328 ft/min (100 m/min)
20 lbs/sq. ft. of belt (90 kg/sq. meter of belt)	20 lbs/sq. ft. of belt (90 kg/sq. meter of belt)
Straight & Z-Frame	Straight & Z-Frame
5.65" (143 mm)	5.65" (143 mm)
Std. Idler: 3.5" (89 mm) Nose Bar: 0.5" (13 mm)	Std. Idler: 3.5" (89 mm) Nose Bar: 0.5" (13 mm)

160, 162 & 166

164 & 168

Flat & Cleated Belt (Positive Drive)	Flat & Cleated Belt (Modular Belt)
End Drive	End & Nose Bar Drive
Stainless Steel	Stainless Steel
6" - 36" (152 - 914 mm)	6" - 36" (152 - 914 mm)
3' - 40' (914 - 12,192 mm)	3' - 83.25' (914 - 25,375 mm)
233 ft/min (71 m/min)	233 ft/min (71 m/min)
20 lbs/sq. ft. of belt (90 kg/sq. meter of belt)	20 lbs/sq. ft. of belt (90 kg/sq. meter of belt)
Straight & Z-Frame	Straight, Curved & Z-Frame
5.65" (143 mm)	5.65" (143 mm)
Std. Idler: 4.0" (102 mm)	Std. Idler: 4.3" (109 mm) Nose Bar: 2.5" (64 mm)

192

194

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user.

THE DORNER[®] ADVANTAGE

A program of action, support and service that make the customer's choice **Smart** and **Fast**

Application Hotline: 800-351-8712

A direct line to our engineers, where customers can call to discuss applications and options.



Industry leading 10 year limited warranty

The longest warranty being offered in the conveyor industry, this reduces the total cost of ownership.



Shortest lead time in the conveyor industry

No other company can deliver custom sized and application ready conveyors faster than Dornier.

CONVEYOR TYPE	LEAD TIME (IN DAYS TO SHIP)*
ALUMINUM EXTRUSION	
V-Guided Belt	3
Modular Belt	5
STAINLESS STEEL	
V-Guided Belt	10
Modular Belt	10

* Applies to products configured in E-Pricer.



**Service Hotline:
888-417-3515**

An after hours hotline, where customers can call and get help troubleshooting conveyors from a member of Dorner's FIT team of service experts. Dorner's Service never sleeps.

DORNER[®] FIT[™] PROGRAM

FACTORY INSPECTION & TRAINING



Get FIT and Stay FIT Visits

A support program to ensure equipment is installed correctly, and that existing equipment is maintained for optimal performance.



FIT Replacement Parts

Original equipment, wear and maintenance parts from Dorner, that will add conveyor life, maximize production time and ensure the customer's warranty is maintained.



FIT Training

A custom designed training course for the customer's engineers and maintenance personnel that ensures proper conveyor maintenance and safety that optimizes conveyor performance.

AQUAGARD SERIES

7200/7300 SANITARY CONVEYORS
STAINLESS STEEL

*Aqua***Gard**[™]



General Specifications:

- Flat and Cleated Belt
- Widths: 1.75" (44 mm) to 18" (457 mm)
- Lengths: 2' (610 mm) to 18' (5,486 mm)
- Loads up to 60 lbs (27 kg)
- **CE** models available

Applications:

- Part Accumulation
- Small Part Transfers
- Wash Down and Clean Rooms
- Small Part Handling and Positioning
- Part/Package Infeed and Outfeed
- Automated and Manual Assembly



V-Guided Belts



Quick Release Rack and Pinion Tension



High Pressure Bearing Options



7200 & 7300 FLAT BELT END DRIVE **12**

7200 & 7300 CLEATED BELT END DRIVE **14**

PROFILES **16**

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GEARMOTOR MOUNTING PACKAGES **20**

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SUPPORT STANDS **29**

ACCESSORIES **30**

PERFORMANCE CHARTS / DATA **31**

PART NUMBER REFERENCE **32**

AquaGard™ 7200 & 7300 SERIES: FLAT BELT END DRIVE



Specifications:

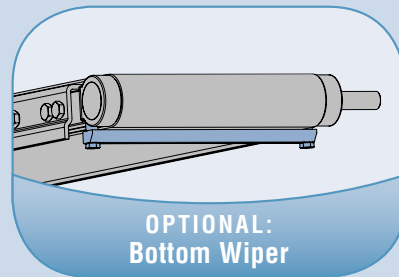
- Loads up to 60 lbs* (27 kg)
- Belt speeds up to 264 ft/min (81 m/min)
- Belt widths: 1.75" (44 mm) to 18" (457 mm)
- Conveyor lengths: 2' (610 mm) to 18' (5,486 mm)
- 11 gauge stainless steel roll formed frame
- Complete stainless steel construction
- 1.25" (32 mm) diameter drive pulley turns approximately 4.25" (108 mm) of belt per revolution
- 1.5" (38 mm) bottom of frame to top of belt
- Self-aligning stainless steel sealed bearings with FDA approved solid lubricant
- Washdown rated gearmotors and controls
- CE models available



* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors. See Performance Charts / Data (pg 31) for details.

Features & Benefits:

- Quick five-minute belt change for increased uptime
- Rack and pinion for fast single point belt tensioning
- 304 stainless steel frame, head and tail plates are polished to a #4 finish
- V-Groove frame with guided belt ensures accurate tracking
- Wedge-Lok™ system for impact protection
- Streamlined design fits where other conveyors do not
- Low profile, single piece frame for quick, easy cleaning
- Quick-clamp rail for easy mounting of bolt-on accessories
- Optional 0.25" (6 mm) thick bottom wiper
- A variety of FDA approved belting to meet application needs



OPTIONAL:
Bottom Wiper



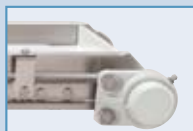
OPTIONAL:
Tool-less Belt
Change Handles

Tool-less Belt Change Handles for quick belt release. Part # 456060



7200 RATED FOR
LOW PRESSURE

Soap & Water
Cleaners



7300 RATED FOR
HIGH PRESSURE

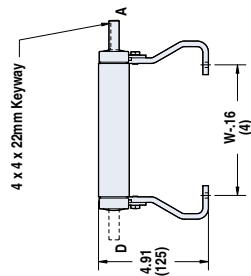
Chlorinated Cleaners

Order gearmotor mounting packages and gearmotors separately; see pages 20-27. For support stands and accessories, see pages 29-30.

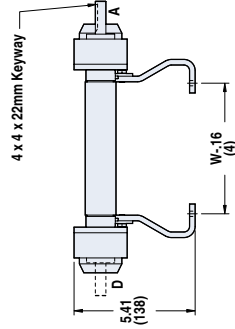
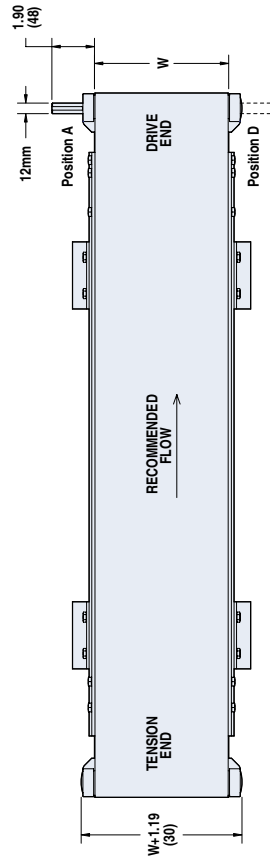
For ordering information, see pages 32 and 34



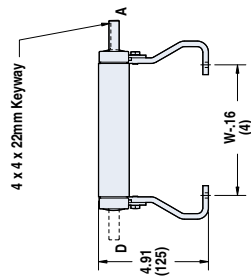
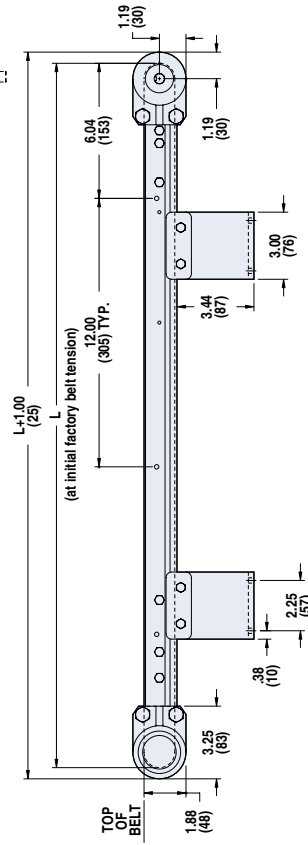
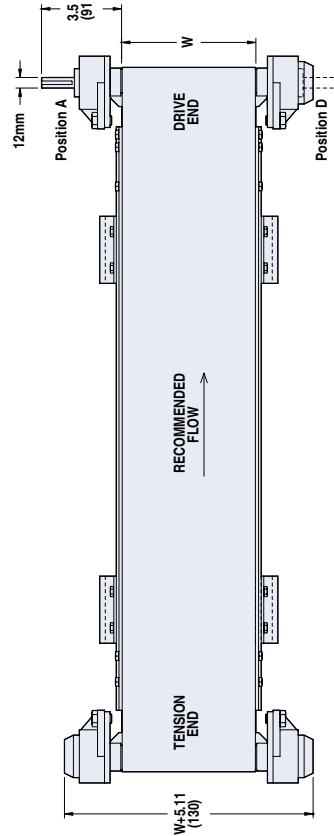
AQUAGARD™ 7200 & 7300 SERIES FLAT BELT END DRIVE



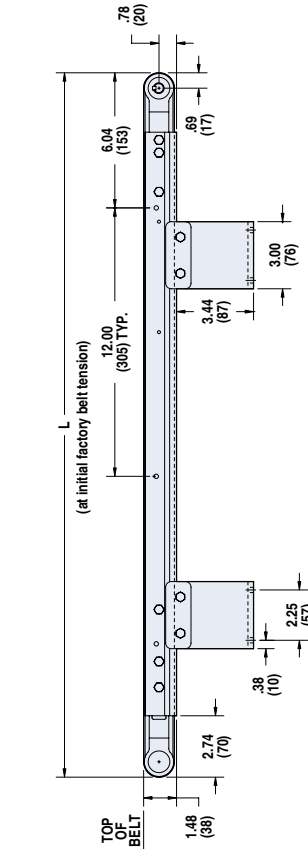
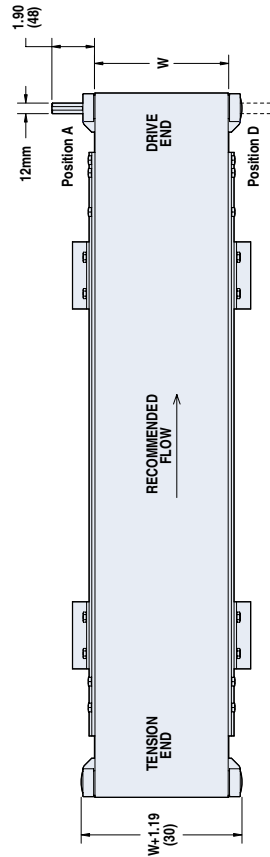
7200



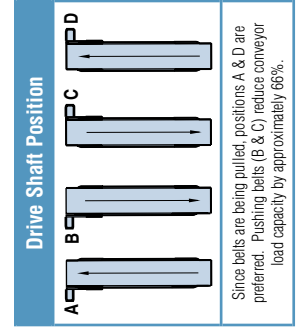
7300



7200



W = Conveyor Belt Width
Dim = in (mm)



STANDARD SIZES		02	03	04	05	06	08	10	12	18	
Conveyor Width Reference		1.75" (44mm)	2.75" (70mm)	3.75" (95mm)	5" (127mm)	6" (152mm)	8" (203mm)	10" (254mm)	12" (305mm)	18" (457mm)	
Conveyor Belt Width (W)		0200	0001 increments up to...	0.12" (3mm) increments up to...							1800
Conveyor Length Reference		2' (610mm)	0.12" (3mm) increments up to...							1800	18' (5,486mm)

Note: Lengths 13' to 18' available in widths 6" to 18" only.

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7200 & 7300 SERIES: CLEATED BELT END DRIVE



Specifications:

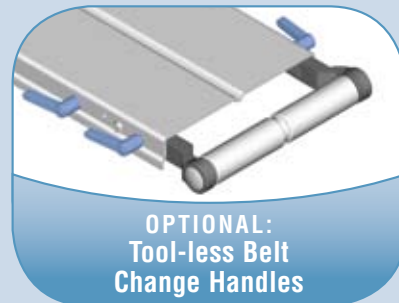
- Loads up to 60 lbs* (27 kg)
- Belt speeds up to 264 ft/min (81 m/min)
- Belt widths: 1.75" (44 mm) to 18" (457 mm)
- Conveyor lengths: 2' (610 mm) to 18' (5,486 mm)
- Cleats available from 0.43" (1 mm) to 2.36" (60 mm) high
- 11 gauge stainless steel roll formed frame
- Complete stainless steel construction
- 1.25" (32 mm) diameter drive pulley turns approximately 4.25" (108 mm) of belt per revolution
- 1.5" (38 mm) bottom of frame to top of belt
- Self-aligning stainless steel sealed bearings with FDA approved solid lubricant
- Washdown rated gearmotors and controls
- CE models available



* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors. See Performance Charts / Data (pg 31) for details.

Features & Benefits:

- Quick five-minute belt change for increased uptime
- Rack and pinion for fast single point belt tensioning
- 304 stainless steel frame, head and tail plates are polished to a #4 finish
- V-Groove frame with guided belt ensures accurate tracking
- Wedge-Lok™ system for impact protection
- Streamlined design fits where other conveyors do not
- Low profile, single piece frame for quick, easy cleaning
- Quick-clamp rail for easy mounting of bolt-on accessories
- A variety of FDA approved belting to meet application needs



**OPTIONAL:
Tool-less Belt
Change Handles**

Tool-less Belt Change Handles for quick belt release. Part # 456060



**7200 RATED FOR
LOW PRESSURE**

Soap & Water
Cleaners



**7300 RATED FOR
HIGH PRESSURE**

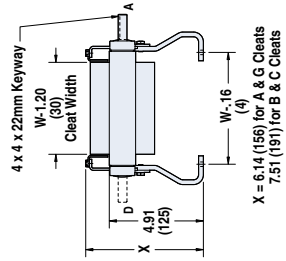
Chlorinated Cleaners

Order gearmotor mounting packages and gearmotors separately; see pages 20-27. For support stands and accessories, see pages 29-30.

For ordering information, see pages 32 and 34

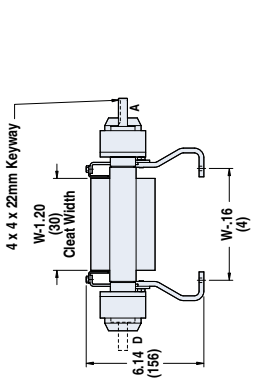
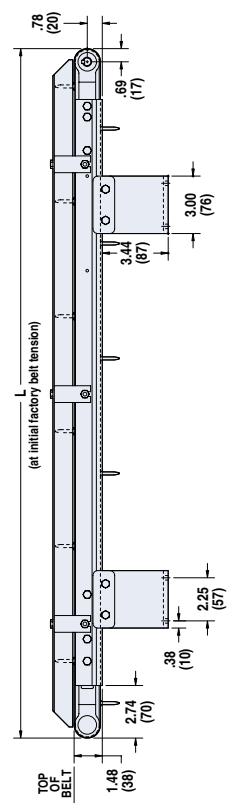
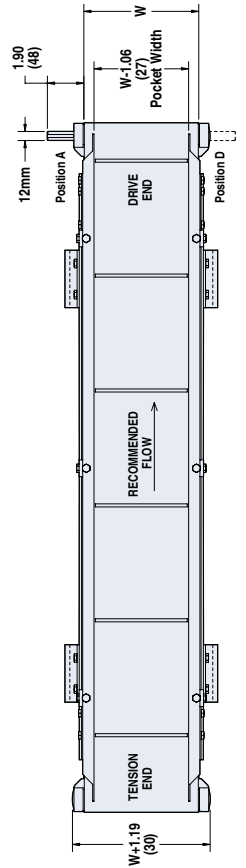


AQUAGARD™ 7200 & 7300 SERIES CLEATED BELT END DRIVE

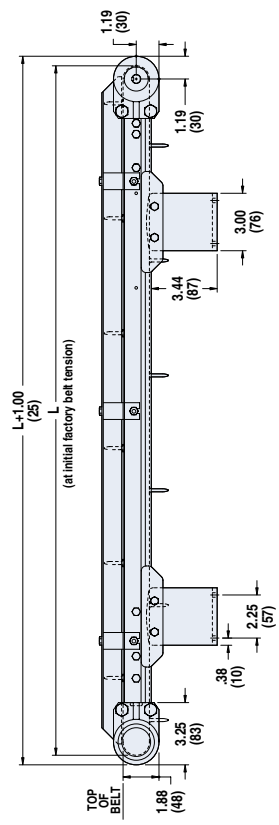
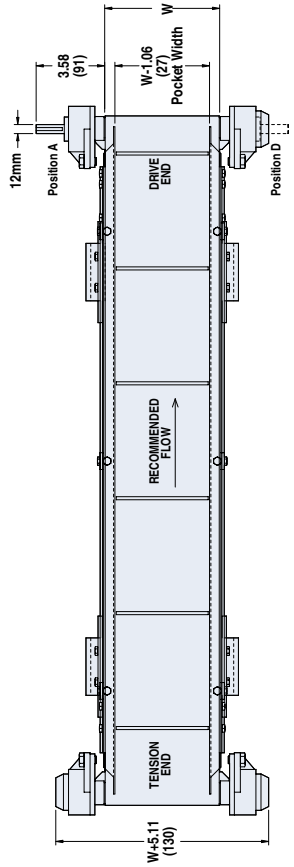


X = 6.14 (156) for A & G Cleats
7.51 (191) for B & C Cleats

7200



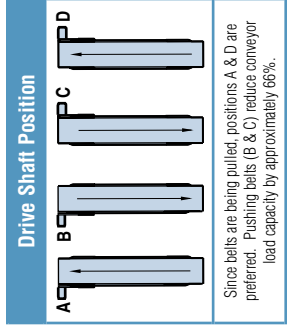
7300



W = Conveyor Belt Width Dim = in (mm)

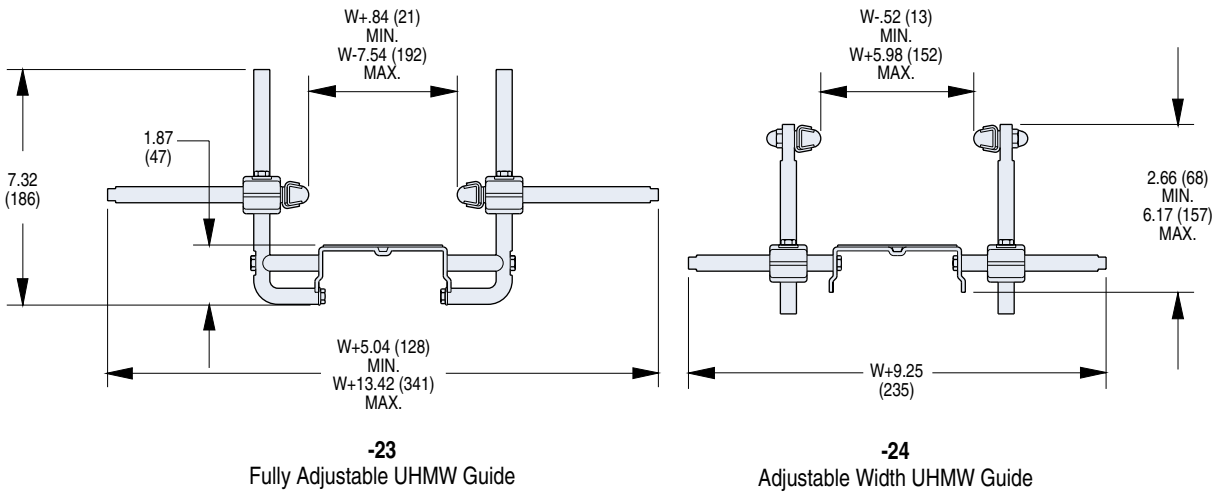
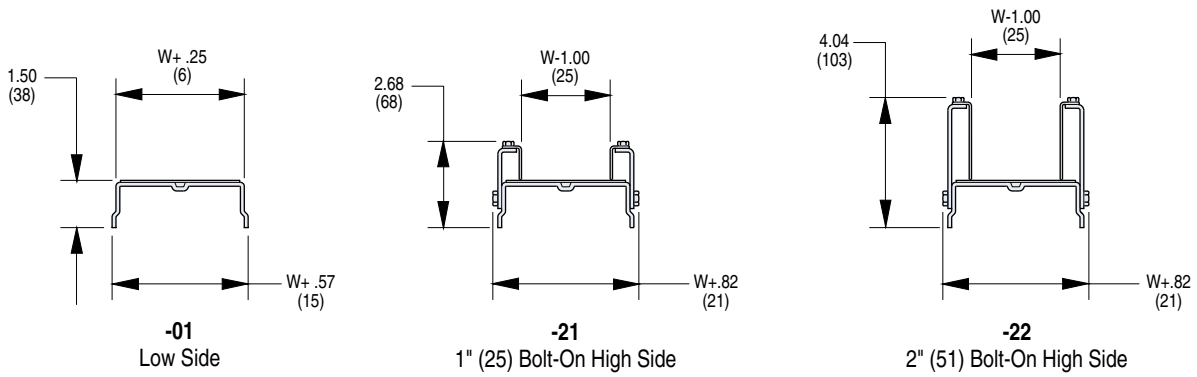
STANDARD SIZES									
Conveyor Width Reference	02	03	04	05	06	08	10	12	18
Conveyor Belt Width (W)	1.75" (44mm)	2.75" (70mm)	3.75" (95mm)	5" (127mm)	6" (152mm)	8" (203mm)	10" (254mm)	12" (305mm)	18" (457mm)
Conveyor Length Reference	0200	0001 increments up to...							
Conveyor Length (L)	2' (610mm)	0.12" (3mm) increments up to...							

Note: Lengths 13' to 18' available in widths 6" to 18" only.



For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7200 & 7300 SERIES: PROFILES



W = Conveyor Belt Width

Dim = in (mm)



For quick removal of Profile -21 and -22
(Part # 450196MSS)

Wet applications are limited to specialty belt types 54, 55, 68 and 69 only!



Standard Belt Selection Guide

Standard belt material is stocked at Dornier, then cut and spliced at the factory for fast conveyor shipment.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper*	Belt Specifications	Thickness	Surface Material	Carcass Material	Maximum Part Temperature	Coefficient of Friction	FDA Approved	Anti-Static	Static Conductive	Chemical Resistance	Special Characteristics or Applications
01	A1	1A	FDA Accumulation	0.067" (1.7)	Urethane	Polyester	212°F (100°C)	Low	x	x		Good	Packaging, clean room and inspection
02	A2	2A	General Purpose	0.071" (1.8)	Urethane	Polyester	212°F (100°C)	Med	x	x		Good	Most versatile belt offering
03	A3	3A	FDA High Friction	0.067" (1.7)	Urethane	Polyester	212°F (100°C)	High	x	x		Good	Packaging, clean room and inspection
05	A5	5A	Accumulation	0.047" (1.2)	Urethane	Polyester	212°F (100°C)	V-Low	x	x		Good	Accumulation of products
06	A6	6A	Electrically Conductive	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	Low		x	x	Good	Electronics handling
08	A8	8A	High Friction	0.083" (2.1)	PVC	Polyester	158°F (70°C)	V-High		x		Poor	Conveys up to 35° inclines**

Note: See below for splice details. Plastic Clipper splice requires longer lead times.

* Metal Clipper splices are not sanitary. **Incline varies due to factors like dust, fluids and part material.

BELT SPLICING



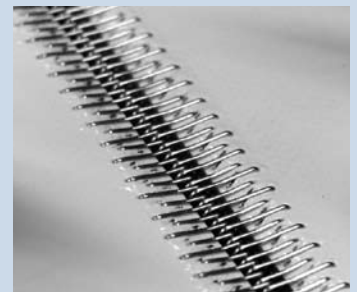
Finger Splice

All belts are available with a standard Thermoformed finger splice. This splice makes the belt continuous and is virtually undetectable. Splice bonding methods vary by belt type. Consult factory for details.



Plastic Clipper***

An optional plastic clipper splice is available for quick removal of belts or when conveyors are installed in tight spaces.



Metal Clipper***

An optional metal clipper splice is also available for quick removal of belts or when conveyors are installed in tight spaces.
(Not Sanitary)

*** See belt charts for compatibility. Not for use with 7200/7300 Series with bottom wiper option. Plastic and Metal Clippers are slightly thicker than base belt. Consult factory for details.

**Wet applications are limited to specialty belt types 54, 55, 68 and 69 only!
Urethane Enclosed belts for added sanitary protection. See Belt Types 68 & 69.**



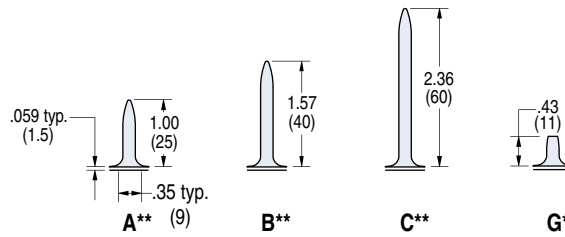
Specialty Belt Selection Guide

Specialty belt material is not stocked at Dorner and needs to be custom ordered for your special conveyor needs.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper*	Belt Specifications	Belt Thickness	Surface Material	Maximum Part Temperature	Coefficient of Friction	FDA Approved	Chemical Resistance	Moisture Resistance	Special Characteristics or Applications
54	F4	4F	FDA Sealed Edge**	0.06 (1.6)	Urethane	176°F (80°C)	Low	x	Good	Good	Packaging, clean room and inspection, wet environment
55	F5	5F	FDA Sealed Edge**	0.06 (1.6)	Urethane	176°F (80°C)	High	x	Good	Good	Packaging, clean room and inspection, wet environment
56		6F	Cut Resistant	0.08 (2.1)	Urethane	212°F (100°C)	Med.		Good	Poor	Oily product release, metal stamping
57		7F	Cut Resistant	0.10 (2.5)	Nitrile	176°F (80°C)	Med.		Poor	Poor	Felt-like, dry metal stamping, glass and ceramic
59	F9	9F	Color Contrasting	0.06 (1.5)	PVC	158°F (70°C)	Med.		Poor	Poor	Black colored, hides overspray from ink jet
60	G0	0G	Color Contrasting	0.05 (1.3)	Urethane	212°F (100°C)	Low	x	Good	Poor	Green-colored
61	G1	1G	Color Contrasting	0.05 (1.3)	Urethane	212°F (100°C)	Low	x	Good	Poor	Blue-colored
63		3G	Electrically Conductive	0.05 (1.2)	Urethane	176°F (80°C)	Low		Good	Poor	Static conductive, electronics handling
64		4G	High Friction	0.17 (4.4)	PVC	194°F (90°C)	V-High		Poor	Poor	Dark green-colored, rough top surface, product cushioning, incline/decline apps.
65		5G	Chemical Resistant	0.05 (1.3)	Polypropylene	248°F (120°C)	Low	x	V-Good	Poor	V-Good Cut resistance, excellent product release
66		6G	Chemical Resistant	0.07 (1.7)	Polyester	212°F (100°C)	Med.	x	V-Good	Poor	Good Cut resistance, metal stamping apps.
67		7G	Low Friction Cleated	0.06 (1.6)	Polyester	212°F (100°C)	n/a	x	Good	Poor	Excellent product release, consult factory for part number and how to specify low friction
68	G8		FDA Encased**	0.06 (1.6)	Urethane	176°F (80°C)	Low	x	Good	V-Good	Urethane enclosed for added sanitary protection
69	G9		FDA Encased**	0.09 (2.2)	Urethane	212°F (100°C)	High	x	Good	V-Good	Urethane enclosed for added sanitary protection

*Metal Clipper splices are not sanitary.

**Not available in 2" (51 mm) wide.

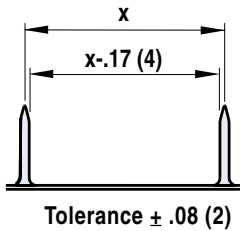


- * Maximum 20" (508 mm) cleat spacing for 18" and wider conveyors with lengths greater than 7' (2,134 mm)
- ** 18" and wider conveyors have a maximum length of 7' (2,134 mm)

Base Belt Material: 0.059" (1.5 mm) thick, high friction FDA approved urethane, 176°F (80°C) maximum part temperature.
See Specialty Belt 67 for low friction base belt material.

Note: Minimum cleat spacing is approximately 2" (50 mm). Consult Factory.

CLEAT SPACING



Steps:

- 1) Refer to Formulas below
- 2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down
- 3) Use formula 2 to get the cleat space reference for the conveyor part number

Formula 1

$$\text{Number of Cleats} = \frac{(\text{Conveyor Length in feet} \times 24) + 1.37}{\text{Desired cleat spacing in inches (x)}}$$

Example

Using a 6' long conveyor and 6" cleat spacing

$$\text{Number of Cleats} = \frac{(6 \times 24) + 1.37}{6} = \frac{145}{6} = \mathbf{24 \text{ Cleats (rounded)}}$$

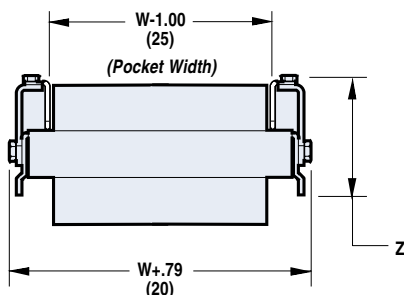
Formula 2

$$\text{Cleat Space Reference (x)} = \frac{(\text{Conveyor Length in feet} \times 24) + 1.37}{\text{Number of Cleats from Formula 1}}$$

Example

Using a 6' long conveyor and 24 cleats

$$\text{Cleat Spacing in inches (x)} = \frac{(6 \times 24) + 1.37}{24 \text{ cleats}} = \frac{145}{24} = \mathbf{6.04 \text{ or } 0604 \text{ Cleat Reference}}$$



Z = 2.68" (68) for A, F, G & H Cleats
4.04" (102) for B, C, V & J Cleats
W = Conveyor Belt Width

GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

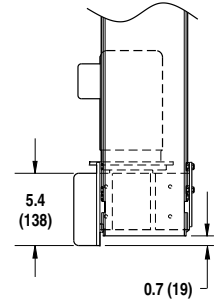
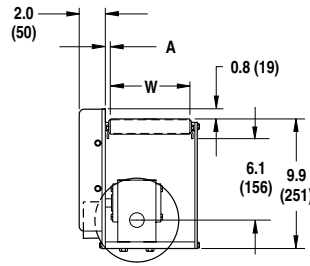
- Step 1:** Select a **Gearmotor Mounting Package**. For End drive conveyors, select a side, bottom, top, flush (pages 20-22). Be sure to note if it is for a **90°** or **Parallel Shaft Gearmotor**.
- Step 2:** Using **Belt Speed and Load** Requirements, determine the required **Gearmotor Type** (Standard or Heavy) for your application using the chart below.
- Step 3:** Go to the set of Belt Speed Charts on page 23 and choose between the **Fixed** or **Variable Speed** chart.
- Step 4:** Go down the first column of the Belt Speed Chart and locate the required **Belt Speed** for your application. If the desired belt speed is not listed, round up to the next higher speed.
(Dorner offers much more than just the belt speeds listed in the tables, contact the factory for complete details)
- Step 5:** From the row containing your required **Belt Speed**, check to be sure that speed is available for the **Mount Package** you chose. (End Drive Only - Top or Bottom)
- Step 6:** Use the Drive / Driven Pulley Kit combination to complete your Mounting Package Part Number.
- Step 7:** Note the **RPM from Gearmotor**, it will be needed to select the correct Gearmotor from the Gearmotor Chart.
- Step 8:** Reference the **Gearmotor Chart #** to locate a compatible Gearmotor Chart on pages 24-27. Be sure to select a Gearmotor Chart to match your **Gearmotor Type** (Standard or Heavy) and your **Mounting Package** while meeting your electrical requirements.
(Red = Parallel Shaft or Blue = 90°)
- Step 9:** Using the **RPM from Gearmotor** (Step 6), locate the **Part Number** for your Gearmotor from the Gearmotor Table.

GEARMOTOR TYPE		Conveyor Load - lbs. (kg)												
		Conveyor Load - lbs. (kg)												
		10 (4.5)	20 (9.1)	30 (13.6)	40 (18.2)	50 (22.7)	60 (27.3)	70 (31.8)	80 (36.4)	90 (40.9)	100 (45.5)	110 (50)	120 (54.5)	
Belt Speed - Ft/min (m/min)	0-15 (0-4.6)													
	16-30 (4.9-9.1)													
	31-45 (9.5-13.7)													
	46-60 (14-18.3)													
	61-75 (18.6-22.9)													
	76-90 (23.2-27.4)													
	91-110 (27.7-33.5)													
	111-130 (33.8-39.6)													
	131-150 (39.9-45.7)													
	151-175 (46-53.4)													
	176-200 (53.7-61)													
	201-225 (61.3-68.6)													
	226-250 (68.9-76.2)													
	251-275 (76.5-83.8)													

Bottom Mount Package, 90° Gearmotor

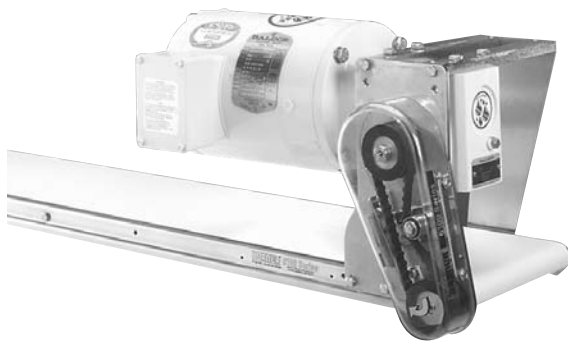


- Includes stainless steel gearmotor mounting bracket, timing belt, pulleys, belt guard and mounting hardware

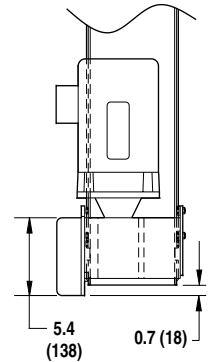
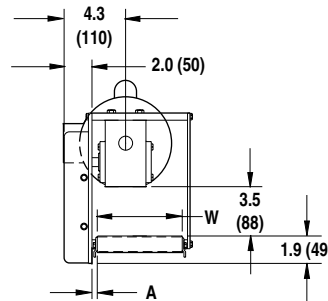


A: = 0.6 (15) for 7200
 = 1.9 (48) for 7300
 W = Conveyor Belt Width

Top Mount Package, 90° Gearmotor



- Includes stainless steel gearmotor mounting bracket, timing belt, pulleys, belt guard and mounting hardware



A: = 0.6 (15) for 7200
 = 1.9 (48) for 7300
 W = Conveyor Belt Width

Heavy Duty Sprocket Kit



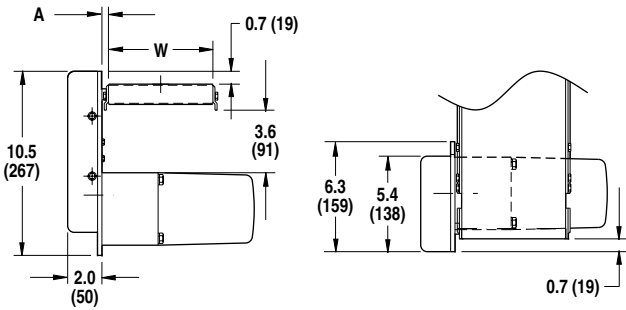
Heavy Duty Sprocket Kit Used in Wet Applications

- Compatible with Standard and Heavy Load Top and Bottom Mount packages
- Stainless Steel #40 Sprockets
- Stainless Steel/Acetal #40 Chain
- Belt speeds up to 145 ft/min

This kit becomes part of the gearmotor mounting package when you select your belt speed from the "Heavy Duty Sprocket Kit" speed chart (see page 23).

Note: Conveyor and gearmotor are not included in the mounting package and must be ordered separately. Dimensions = in (mm)

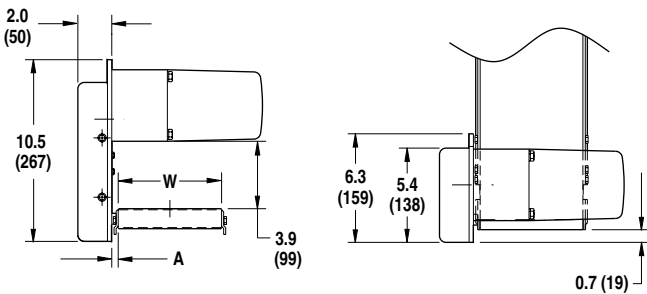
Bottom Mount Package, Parallel Shaft Gearmotor



A: = 0.6 (15) for 7200
 = 1.9 (48) for 7300
 W = Conveyor Belt Width

- Includes stainless steel gearmotor mounting bracket, timing belt, pulleys, belt guard and mounting hardware

Top Mount Package, Parallel Shaft Gearmotor



A: = 0.6 (15) for 7200
 = 1.9 (48) for 7300
 W = Conveyor Belt Width

- Includes stainless steel gearmotor mounting bracket, timing belt, pulleys, belt guard and mounting hardware

Note: Conveyor and gearmotor are not included in the mounting package and must be ordered separately. Dimensions = in (mm)

Standard Timing Belt Kit

Fixed Speed						
Belt Speed		RPM from Gearmotor	Pulley Kit		Gearmotor Chart	
ft/min	m/min		Drive Pulley	Driven Pulley	Standard Load	Heavy Load
7	2.1	35	19	32		5, 6
12	3.7	50	22	32	1	
17	5.2	35	44	32		5, 6
26	7.9	50	32	22	1	
35	10.7	115	28	32		5, 6
38	11.6	50	48	22	1	
56	17.1	115	44	32		5, 6
58	17.7	167	44	32	1	
58	17.7	167	32	32	1	
81	24.7	115	44	22		5, 6
100	30.5	167	48	28	1	
106	32.3	345	28	32		5, 6
148	45.1	167	48	19	1	
167	50.9	345	44	32		5, 6
190	57.9	345	44	28		5, 6
264	80.5	345	48	22		5, 6

CE RPM from 50 Hz gearmotors						
ft/min	m/min	RPM	Drive Pulley	Driven Pulley	Standard Load	Heavy Load
6	1.8	29	19	32		7
10	3.0	42	22	32	2	
15	4.6	29	48	32		7
20	6.1	42	44	32	2	
30	9.1	97	28	32		7
32	9.8	42	48	22	2	
49	14.9	139	32	32	2	
51	15.5	97	48	32		7
73	22.3	139	48	32	2	
74	22.6	97	48	22		7
98	29.9	139	44	22	2	
102	31.1	290	32	32		7
123	37.5	139	48	19	2	
153	46.6	290	48	32		7
204	62.2	290	44	22		7
257	78.3	290	48	19		7

Variable Speed						
Belt Speed		RPM from Gearmotor	Pulley Kit		Gearmotor Chart	
ft/min	m/min		Drive Pulley	Driven Pulley	Standard Load	Heavy Load
1.2 - 7	0.4 - 2.1	35	19	32		8, 9, 10
2.0 - 12	0.6 - 3.7	50	22	32	3	
2.8 - 17	0.9 - 5.2	35	44	32		8, 9, 10
4.3 - 26	1.3 - 7.9	50	32	22	3	
5.8 - 35	1.8 - 10.7	115	28	32		8, 9, 10
6.3 - 38	1.9 - 11.6	50	48	22	3	
9.3 - 56	2.8 - 17.1	115	44	32		8, 9, 10
9.7 - 58	2.9 - 17.7	167	32	32	3	
13.3 - 80	4.1 - 24.4	167	44	32	3	
13.5 - 81	4.1 - 24.7	115	44	22		8, 9, 10
16.7 - 100	5.1 - 30.5	167	48	28	3	
17.7 - 106	5.4 - 32.3	345	28	32		8, 9, 10
24.7 - 148	7.5 - 45.1	167	48	19	3	
27.8 - 167	8.5 - 50.9	345	44	32		8, 9, 10
31.7 - 190	9.7 - 57.9	345	44	28		8, 9, 10
44.0 - 264	13.4 - 80.5	345	48	22		8, 9, 10

CE RPM from 50 Hz gearmotors, VFD drive at 63 max. Hz output						
ft/min	m/min	RPM	Drive Pulley	Driven Pulley	Standard Load	Heavy Load
2.0 - 12	0.6 - 3.7	42	22	32	4	
4.0 - 24	1.2 - 7.3	42	44	32	4	
6.3 - 38	1.9 - 11.6	42	48	22	4	
9.7 - 58	2.9 - 17.7	139	32	32	4	
14.7 - 88	4.5 - 26.8	139	48	32	4	
19.5 - 117	5.9 - 35.7	139	44	22	4	
24.7 - 148	7.5 - 45.1	139	48	19	4	

Refer to the Gearmotor Selection Steps on page 20 for instructions on using the Belt Speed Charts.

Note: Red = Parallel Shaft, Blue = 90°

Heavy Duty Sprocket Kit

Fixed Speed						
Belt Speed		RPM from Gearmotor	Pulley Kit		Gearmotor Chart	
ft/min	m/min		Drive Pulley	Driven Pulley	Standard Load	Heavy Load
14	4.3	35	12	10		5, 6
21	6.4	50	12	10	1	
24	7.3	35	20	10		5, 6
32	9.8	50	18	10	1	
49	14.9	115	12	10		5, 6
70	21.3	167	12	10	1	
73	22.3	115	18	10		5, 6
94	28.7	167	16	10	1	
117	35.7	167	20	10	1	
145	44.2	345	12	10		5, 6

CE RPM from 50 Hz gearmotors						
ft/min	m/min	RPM	Drive Pulley	Driven Pulley	Standard Load	Heavy Load
12	3.7	29	12	10		7
18	5.5	42	12	10	2	
20	6.1	29	20	10		7
29	8.8	42	20	10	2	
41	12.5	97	12	10		7
59	18.0	139	12	10	2	
68	20.7	97	20	10		7
88	26.8	139	18	10	2	
98	29.9	139	20	10	2	
122	37.2	290	12	10		7

Variable Speed						
Belt Speed		RPM from Gearmotor	Pulley Kit		Gearmotor Chart	
ft/min	m/min		Drive Pulley	Driven Pulley	Standard Load	Heavy Load
2.3 - 14	0.7 - 4.3	35	12	10		8, 9, 10
3.5 - 21	1.1 - 6.4	50	12	10	3	
4.0 - 24	1.2 - 7.3	35	20	10		8, 9, 10
5.3 - 32	1.6 - 9.8	50	18	10	3	
8.2 - 49	2.5 - 14.9	115	12	10		8, 9, 10
11.7 - 70	3.6 - 21.3	167	12	10	3	
12.2 - 73	3.7 - 22.3	115	18	10		8, 9, 10
15.7 - 94	4.8 - 28.7	167	16	10	3	
19.5 - 117	5.9 - 35.7	167	20	10	3	
24.2 - 145	7.4 - 44.2	345	12	10		8, 9, 10

CE RPM from 50 Hz gearmotors, VFD drive at 63 max. Hz output						
ft/min	m/min	RPM	Drive Pulley	Driven Pulley	Standard Load	Heavy Load
3.5 - 21	1.1 - 6.4	42	12	10	4	
5.8 - 35	1.8 - 10.7	42	20	10	4	
11.7 - 70	3.6 - 21.3	139	12	10	4	
17.5 - 105	5.3 - 32.0	139	18	10	4	
19.5 - 117	5.9 - 35.7	139	20	10	4	

GEARMOTOR SELECTION STEPS

Refer to page **20** for instructions on Selecting a Gearmotor Mounting Package and Gearmotor.

GEARMOTOR TYPE	Conveyor Load - lbs. (kg)											
	Standard Load						Heavy Load					
	10 (4.5)	20 (9.1)	30 (13.6)	40 (18.2)	50 (22.7)	60 (27.3)	70 (31.8)	80 (36.4)	90 (40.9)	100 (45.5)	110 (50)	120 (54.5)
0-15 (0-4.6)												
16-30 (4.9-9.1)												
31-45 (9.5-13.7)												
46-60 (14-18.3)												
61-75 (18.6-22.9)												
76-90 (23.2-27.4)												
91-110 (27.7-33.5)												
111-130 (33.8-39.6)												
131-150 (39.9-45.7)												
151-175 (46-53.4)												
176-200 (53.7-61)												
201-225 (61.3-68.6)												
226-250 (68.9-76.2)												
251-275 (76.5-83.8)												

STANDARD LOAD, FIXED SPEED

Chart 1 Parallel Shaft

- Sealed gearmotor
- IP 65 protection rating
- 115V, 1 phase includes starter, cords and plug
- 230V, 3 phase wiring to starter by others
- Stainless steel shaft and fasteners
- FDA approved white epoxy paint
- Totally enclosed, non-ventilated
- 60 Hz

3 Phase starter shown

Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm
			Hp	kW	FLA	Hp	kW	FLA		
62M030PY4(vp)FN	50	Y	0.12	0.09	1.51	0.12	0.09	0.49	77	8.7
62M009PY4(vp)FN	167	Y	0.12	0.09	1.51	0.12	0.09	0.49	26	2.8

(vp) = Voltage and Phase 11 = 115V, 1 phase 23 = 230V, 3 phase

Note: 115V 1 phase gearmotor must be plugged into a GFI circuit

Chart 2 CE Parallel Shaft

- Sealed gearmotor
- IP 65 protection rating
- 230V, 3 phase wiring to starter by others
- 50 Hz
- Stainless steel shaft and fasteners
- FDA Approved white epoxy paint
- Totally enclosed, non-ventilated

3 Phase starter shown

Part Number	RPM	Gearmotor Type	3 Ph kW	3 Ph FLA	Nm
			62(c)030PY423FN	42	
62(c)009PY423FN	139	Y	0.09	0.49	2.8

(c) = Electrical Configuration U = CE Great Britain G = CE German

CE Note: Customer wiring to starter must comply with CE safety directives.

FLA = Full Load Amperes

STANDARD LOAD, VARIABLE SPEED

Chart 3		Parallel Shaft						
<ul style="list-style-type: none"> Variable frequency drive, 10-60 Hz IP 65 protection rating 230V, 3 Phase Stainless steel shaft and fasteners FDA approved white epoxy paint Totally enclosed, non-ventilated Order controller separately, see page 28 								
Part Number	RPM*	Gearmotor Type	3 Ph Hp	3 Ph kW	3 Ph FLA	in.-lbs.*	Nm*	Vari - Speed Control Charts
62M030PY4(vp)FN	50	Y	0.12	0.09	0.49	77	8.7	G
62M009PY4(vp)FN	167	Y	0.12	0.09	0.49	26	2.8	G

* At 60 Hz

Chart 4		CE Parallel Shaft				
<ul style="list-style-type: none"> Totally enclosed, fan cooled IP44 protection rating Non-reversing 50 Hz Order starter separately, see page 28 						
Part Number	RPM*	Gearmotor Type	3 Ph kW	3 Ph FLA	Nm*	Vari - Speed Control Charts
62Z028PL421FN	41	L	0.022	0.31	2.6	H
62Z028PL4(vp)FN	41	L	n/a	n/a	3.5	H
62Z008PL421FN	144	L	0.022	0.31	0.9	H
62Z008PL4(vp)FN	144	L	n/a	n/a	1.2	H

* At 50 Hz

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

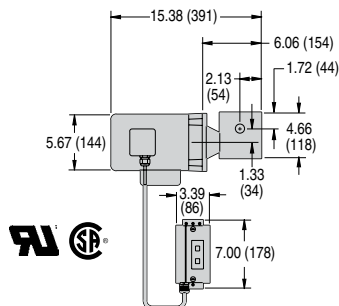
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

HEAVY LOAD, FIXED SPEED

Chart 5 90°

- NEMA 56 C face
- IP 55 protection rating
- Wiring to starter by others
- Sealed reducer with FDA lubricant
- FDA approved white epoxy paint
- UL and CSA approved
- 60 Hz
- Totally enclosed, Non-ventilated
- 1 Phase gearmotor does not include plug/cord set



(r) = Output shaft orientation
 R = Right hand
 L = Left hand
 (vp) = Voltage and Phase
 11 = 115V, 1 phase
 23 = 208 - 230V, 3 phase
 43 = 460V, 3 phase

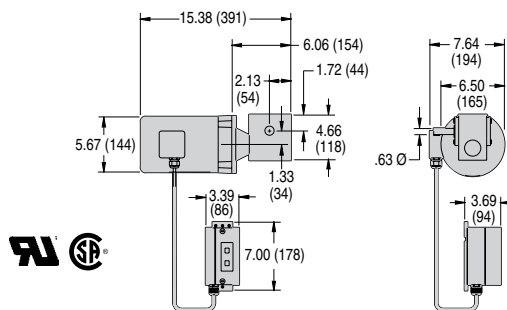
Right hand output shown

Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm
			Hp	kW	FLA	Hp	kW	FLA		
62M050(r)Z4(vp)FN	35	Z	0.5	0.37	6.8	0.5	0.37	1.8-1.6 / 0.8	380	42.9
62M015(r)Z4(vp)FN	115	Z	0.5	0.37	6.8	0.5	0.37	1.8-1.6 / 0.8	146	16.5
62M005(r)Z4(vp)FN	345	Z	0.5	0.37	6.8	0.5	0.37	1.8-1.6 / 0.8	55	6.2

Chart 6 90°

Stainless Steel Gearmotor

- Stainless steel construction
- NEMA 56 C face
- IP 55 protection rating
- Wiring to starter by others
- Sealed reducer with FDA lubricant
- UL and CSA approved
- 60 Hz
- Totally enclosed, non-ventilated



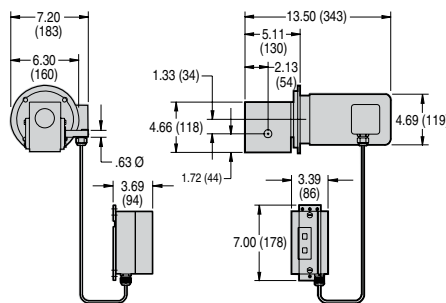
(r) = Output shaft orientation
 R = Right hand
 L = Left hand
 (vp) = Voltage and Phase
 23 = 208 - 230V, 3 phase
 43 = 460V, 3 phase

Right hand output shown

Part Number	RPM	Gearmotor Type	3 Ph Hp	3 Ph kW	3 Ph FLA	in.-lbs.	Nm
			62M050(r)ZS4(vp)FN	35	ZS		
62M015(r)ZS4(vp)FN	115	ZS	0.5	0.37	1.8-1.6 / 0.8	146	16.5
62M005(r)ZS4(vp)FN	345	ZS	0.5	0.37	1.8-1.6 / 0.8	55	6.2

Chart 7 CE 90°

- IEC 71 B5 C face
- IP 55 protection rating
- 230/400V, 3 Phase wiring to starter by others
- 50 Hz
- FDA approved white epoxy paint
- Sealed reducer with FDA lubricant
- Totally enclosed, non-ventilated



Right hand output shown

Part Number	RPM	Gearmotor Type	3 Ph kW	3 Ph FLA	Nm
62(c)050(r)Z4(vp)FN	29	Z	0.19	1.2 / 0.7	50.1
62(c)015(r)Z4(vp)FN	97	Z	0.19	1.2 / 0.7	19.9
62(c)005(r)Z4(vp)FN	290	Z	0.19	1.2 / 0.7	7.2

(c) = Electrical Configuration (r) = Output shaft orientation (vp) = Voltage and Phase
 G = CE German R = Right hand 23 = 230V, 3 phase
 U = CE Great Britain L = Left hand 43 = 400V, 3 phase

CE Note: Customer wiring to starter must comply with CE safety directives.

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

HEAVY LOAD, VARIABLE SPEED


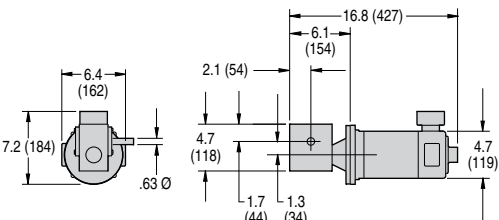

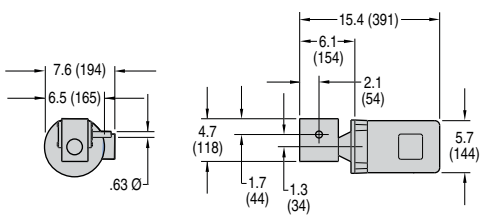

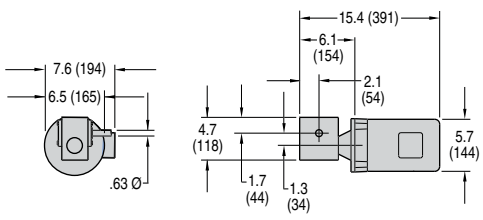
Chart 8		90°						
<ul style="list-style-type: none"> 90V DC IP 55 protection rating NEMA 56 C face Totally enclosed, non-ventilated Sealed reducer with FDA lubricant FDA approved white epoxy paint Order controller separately, see page 28 							<p>(r) = Output shaft orientation R = Right hand L = Left hand</p> <p style="text-align: right;"><i>Left hand output shown</i></p>	
Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari - Speed Control Charts
62M050(r)ZD9DEN	35	Z	0.33	0.25	3.2	360	42.9	F
62M015(r)ZD9DEN	115	Z	0.33	0.25	3.2	146	16.5	F
62M005(r)ZD9DEN	345	Z	0.33	0.25	3.2	55	6.2	F

Chart 9		90°						
<ul style="list-style-type: none"> Variable frequency drive, 10-60 Hz IP 65 protection rating 230V, 3 Phase Stainless steel shaft and fasteners FDA approved white epoxy paint Totally enclosed, non-ventilated Order controller separately, see page 28 							<p>(r) = Output shaft orientation R = Right hand L = Left hand</p> <p style="text-align: right;"><i>Left hand output shown</i></p>	
Part Number	RPM	Gearmotor Type	3 Ph Hp	3 Ph kW	3 Ph FLA	in.-lbs.*	Nm*	Vari - Speed Control Charts
62M050(r)Z423EN	35	Z	0.5	0.37	1.6	380	42.9	G
62M015(r)Z423EN	115	Z	0.5	0.37	1.6	146	16.5	G
62M005(r)Z423EN	345	Z	0.5	0.37	1.6	55	6.2	G

* At 60 Hz

Chart 10		90°							Stainless Steel Gearmotor
<ul style="list-style-type: none"> Variable frequency drive, 10-60 Hz Stainless steel construction 230/460 3 Phase NEMA 56 C face IP 55 protection rating Sealed reducer with FDA lubricant Totally enclosed, non-ventilated Order controller separately, see page 28 							<p>(r) = Output shaft orientation R = Right hand L = Left hand</p> <p style="text-align: right;"><i>Left hand output shown</i></p>		
Part Number	RPM	Gearmotor Type	3 Ph Hp	3 Ph kW	3 Ph FLA	in.-lbs.*	Nm*	Vari - Speed Control Charts	
62M050(r)Z423EN	35	ZS	0.5	0.37	1.6	380	42.9	G	
62M015(r)Z423EN	115	ZS	0.5	0.37	1.6	146	16.5	G	
62M005(r)Z423EN	345	ZS	0.5	0.37	1.6	55	6.2	G	

* At 60 Hz

FLA = Full Load Amperes

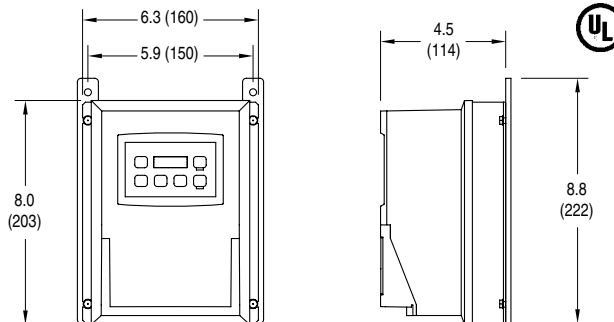
Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

VARIABLE SPEED CONTROLLERS

Chart B



- VFD control
- IP 65 plastic enclosure
- EMC filter
- Digital display
- Stainless steel mounting hardware
- Includes cord to motor
- Power to controller by others

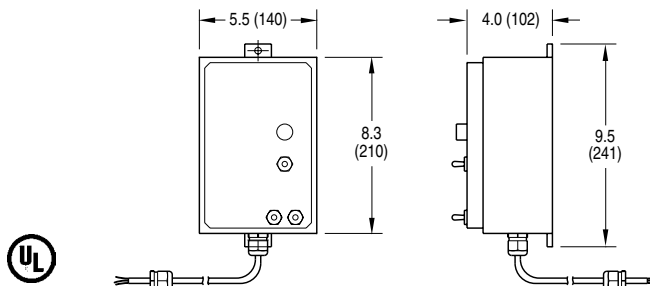


Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Out Phase	Max kW	Max Amps	Reversing
72U2121S	230	1	50	230	3	0.37	4.0	Yes
72U4341S	400	3	50	400	3	0.74	2.0	Yes

Chart F



- SCR DC control
- Nema 4X enclosure
- FDA white epoxy painted enclosure
- Forward/Brake/Reverse switch
- Jog/Run switch
- Speed potentiometer
- Includes cord to motor
- Power to controller by others
- Stainless steel mounting hardware

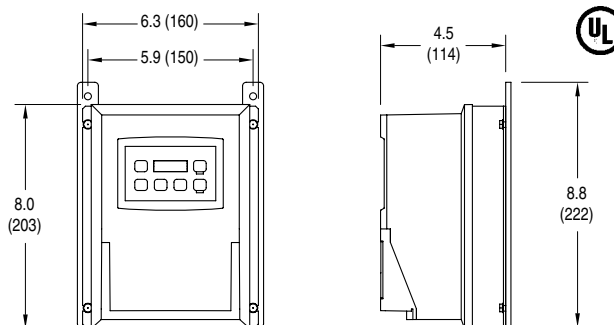


Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Max Hp	Max Amps	Reversing
62MD1191S	115	1	60	90VDC	1	10.2	Yes

Chart G



- VFD control
- Nema 4X Plastic Enclosure
- Stainless steel mounting hardware and fasteners
- Digital display
- Keypad with Start/Stop, Forward/Reverse and speed variation
- Includes cord to motor
- Power to controller by others



Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Out Phase	Max Hp	Output Amp Range*	Reversing
72MV1124S	115	1	60	230	3	0.25	35 - 1.4	Yes
72MV2124S	230	1	60	230	3	0.25	35 - 1.4	Yes
72MV1122S	115	1	60	230	3	0.5	0.55 - 2.2	Yes
72MV2322S	230	3	60	230	3	0.5	0.55 - 2.2	Yes

* See FLA from motor charts

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

QUANTITY CHARTS

Support Stand Quantity Chart

Conveyor Length	# of Supports
2' (610) - 4' (1,219)	1*
2' (610) - 6' (1,829)	2
7' (2,134) - 12' (3,658)	3
13' (3,962) - 18' (5,486)	4

* End Drive Conveyors with Single-Post Support Stands only. Requires the use of diagonal bracing. Heavy load gearmotors require a minimum of two stands to support conveyor and gearmotor package.

Required Return Roller Quantity Chart

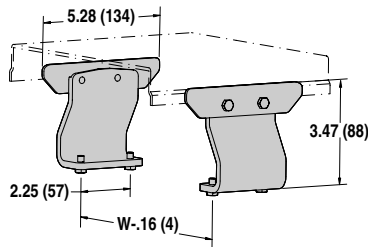
max feet between return rollers									
Conveyor Width	1.75"	2.75"	3.75"	5"	6"	8"	10"	12"	18"
Flat Belt	8.75	8.5	7.5	7.25	7.0	6.75	6.5	6.0	5.5
Cleated Belt	5.75	5.5	5.25	5.0	4.75	4.5	4.25	4.0	3.5

Quantity of return rollers required = whole number result of: $\frac{\text{conveyor length in feet}}{\text{max distance between return rollers}}$

Example Description: 7200 flat belt 8" wide x 14' long $\frac{14'}{6.75} = 2.07$ **2 return rollers required**

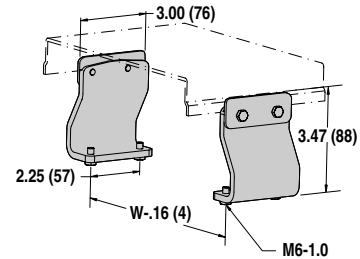
MOUNTING BRACKETS Not required when purchasing sanitary support stands.

Cleated Stand Mounting Bracket



Part Number	Description
450591	Stand Mounting Bracket, Cleated Belt Conveyor

Flat Belt Stand Mounting Bracket



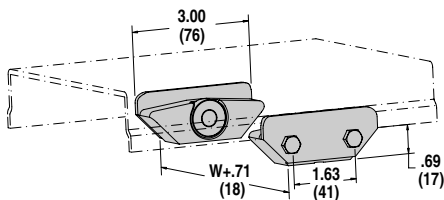
Part Number	Description
450589	Stand Mounting Bracket, Flat Belt Conveyor

Note: Conveyors can be ordered with the required number of mounting brackets. If desired, order additional mounting brackets separately.

RETURN ROLLERS

Cleated Belt Stand Mounting Bracket

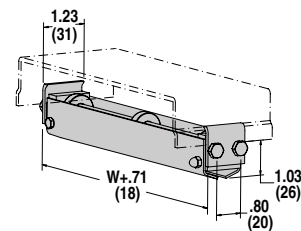
For Cleated Belts and Flat Belts on 2" to 6" (51mm to 152mm) wide conveyors



Part Number	Description
450594	Stand Mounting Bracket, Cleated Belt Conveyor

Flat Belt Stand Mounting Bracket

For Flat Belts on 8" to 18" (203mm to 457mm) wide conveyors



W = Belt Width

Part Number	Description
4514WW*	Stand Mounting Bracket, Flat Belt Conveyor

* WW = conveyor width

Note: Dimensions = in (mm)

AquaGard™ 7200 & 7300 SERIES: SUPPORT STANDS & ACCESSORIES

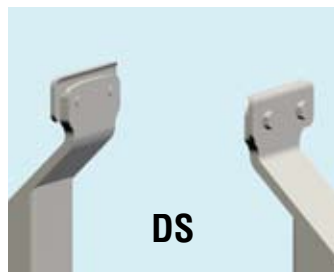


Fixed Foot Model										
Conveyor Width		1.75" (44)	2.75" (70)	3.75" (95)	5" (44)	6" (152)	8" (203)	10" (254)	12" (305)	18" (457)
WW Part # Reference		02	03	04	05	06	08	10	12	18
DS	Stand Width	10" (254)	11" (279)	10" (254)	11.3" (286)	12.3" (312)	14.3" (362)	10" (254)	12" (305)	18" (457)
	Top of Belt Height	13-17" (330-432)					1" (25) increments up to...		70-74" (1,778-1,880)	
	HH Part # Reference	1317					0101 increments up to...		7074	
DP	Stand Width	9.3" (236)	10.3" (262)	10.1" (257)	11.3" (287)	12.3" (312)	14.3" (362)	11.8" (300)	13.8" (351)	19.8" (503)
	Top of Belt Height	15-19" (330-432)					1" (25) increments up to...		70-74" (1,778-1,880)	
	HH Part # Reference	1519					0101 increments up to...		7074	
MS	Stand Width	10.5" (267)	11.5" (292)	11.3" (287)	12.6" (320)	13.6" (345)	15.6" (396)	9.8" (249)	11.8" (300)	17.8" (452)
	Top of Belt Height	14-18" (356-457)					1" (25) increments up to...		70-74" (1,778-1,880)	
	HH Part # Reference	1418					0101 increments up to...		7074	

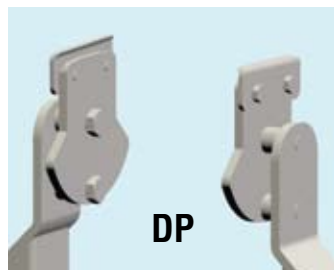
Note: HH is to Conveyor Top of Belt on DS and DP Models. HH is Top of Bracket for MS Models.

Swivel Locking Caster Model										
Conveyor Width		1.75" (44)	2.75" (70)	3.75" (95)	5" (44)	6" (152)	8" (203)	10" (254)	12" (305)	18" (457)
WW Part # Reference		02	03	04	05	06	08	10	12	18
DS	Stand Width	10" (254)	11" (279)	10" (254)	11.3" (286)	12.3" (312)	14.3" (362)	10" (254)	12" (305)	18" (457)
	Top of Belt Height	18-22" (457-559)					1" (25) increments up to...		70-74" (1,778-1,880)	
	HH Part # Reference	1822					0101 increments up to...		7074	
DP	Stand Width	9.3" (236)	10.3" (262)	10.1" (257)	11.3" (287)	12.3" (312)	14.3" (362)	11.8" (300)	13.8" (351)	19.8" (503)
	Top of Belt Height	21-25" (533-635)					1" (25) increments up to...		70-74" (1,778-1,880)	
	HH Part # Reference	2125					0101 increments up to...		7074	
MS	Stand Width	10.5" (267)	11.5" (292)	11.3" (287)	12.6" (320)	13.6" (345)	15.6" (396)	9.8" (249)	11.8" (300)	17.8" (452)
	Top of Belt Height	20-24" (508-610)					1" (25) increments up to...		70-74" (1,778-1,880)	
	HH Part # Reference	2024					0101 increments up to...		7074	

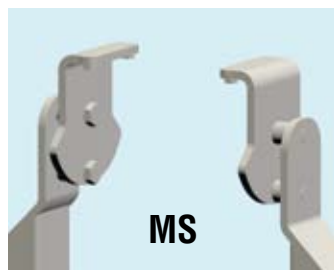
Note: HH is to Conveyor Top of Belt on DS and DP Models. HH is Top of Bracket for MS Models.



DS
Direct Mount Horizontal



DP
Direct Mount Incline



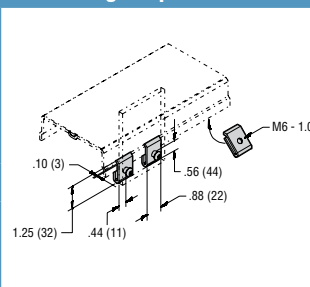
MS
Motor Mount

- Direct Mount Horizontal for direct conveyor mounting, conveyor must be level (mount directly to conveyor)
- Includes self-aligning adjustment foot for sloped floors
- All components are stainless #4 finish
- Metric fasteners
- Direct Mount Incline for angled conveyor applications
- Motor Mount for mounting under both horizontal and inclined heavy load bottom mount packages
- Sanitary support stands do not require mounting brackets

If sanitary stainless steel support stands are not required for your application, you may order aluminum support stands. Contact Dorner for details.

ACCESSORIES

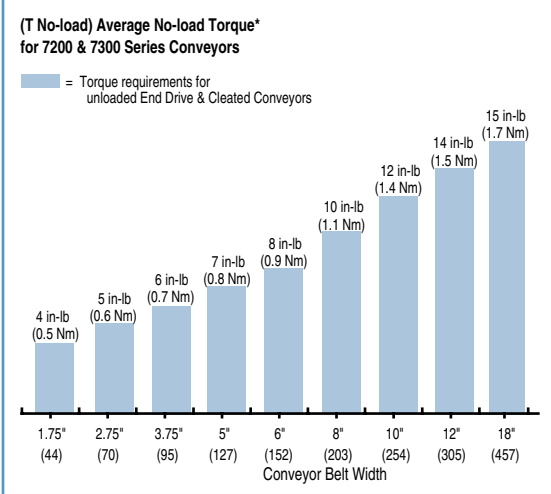
Mounting Clips



- For easy mounting of light weight accessories
- Fasteners not included

Part Number	Description
450186MSS	7200 and 7300 Series Sanitary Mounting Clip

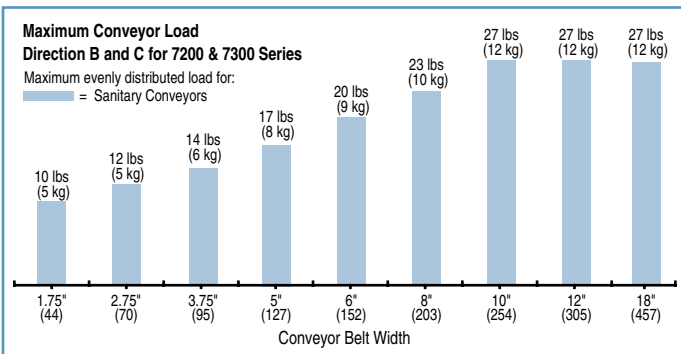
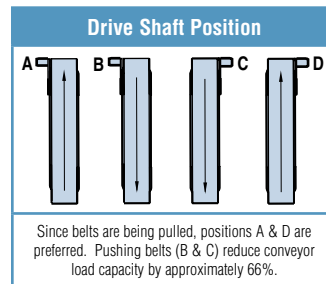
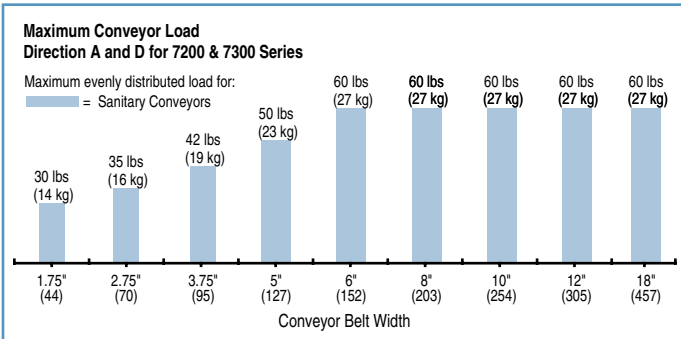
CONVEYOR NO-LOAD TORQUES



Note: The torque required to overcome the conveyor's initial startup inertia may temporarily exceed the average "no-load" torque by a factor of 2-3 times.

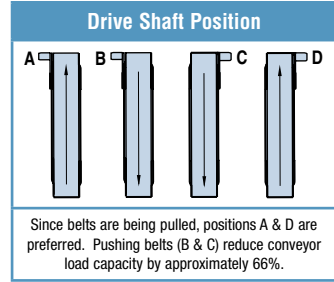
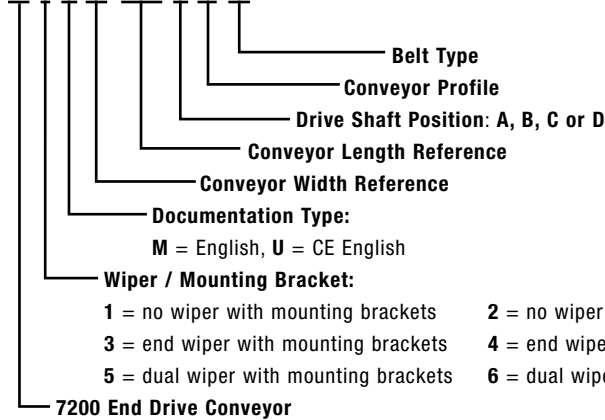
* Stated torques are average values based on Dorner standard belts running at 50' (15 m) per minute.

MAXIMUM CONVEYOR LOAD CHARTS



7200 SERIES: END DRIVE CONVEYOR

72 1 M 08 1000 D 01 01

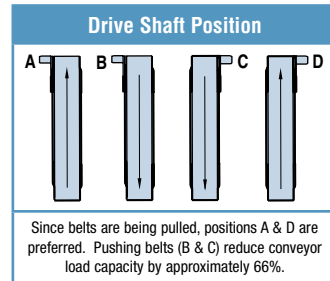
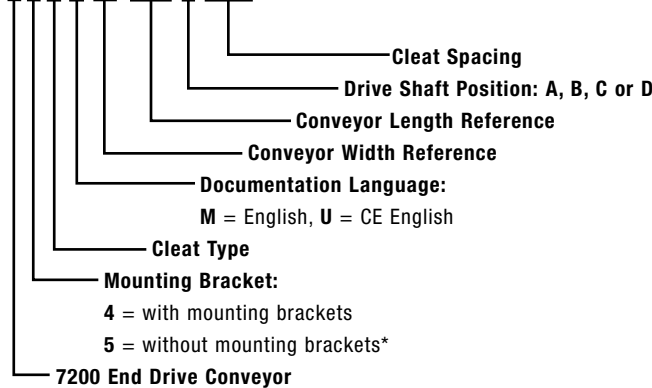


Example: 721M081000D0101

Description: 7200 Series End Drive Conveyor, 8" (203) wide x 10' (3,048) long, drive shaft position D, with low sides and a FDA accumulation belt and English documentation.

7200 SERIES: CLEATED BELT END DRIVE CONVEYOR

7 4 A M 08 1000 D 0603



*may require belt return rollers

Example: 74AM081000D0603

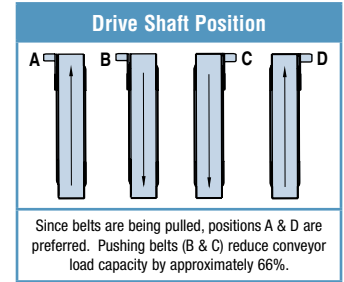
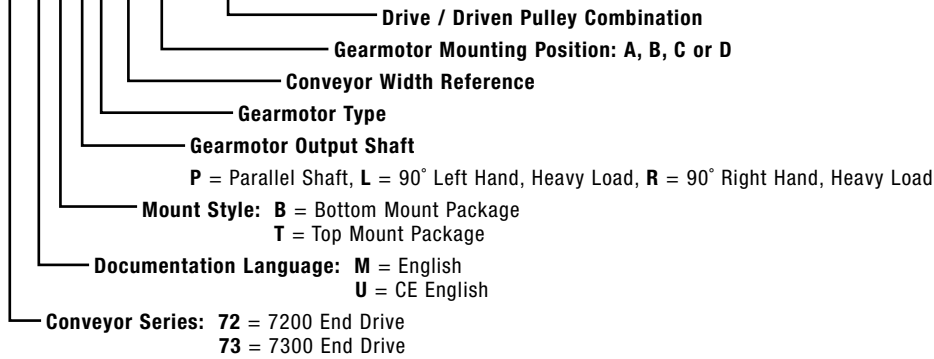
Description: 7200 Series Cleated Belt End Drive Conveyor, 8" (203) wide x 10' (3,048) long drive shaft position D, with Type A cleated belt with cleats spaced on 6.03" (153) centers and English documentation.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7200 SERIES: GEARMOTOR MOUNTING PACKAGES

72 M B L Z 06 A - 3232

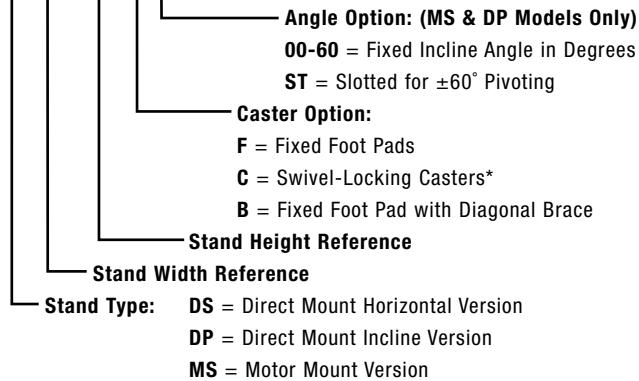


Example: 72MBLZ06A-3232

Description: Sanitary bottom mount package with English documentation for left hand output 90° heavy load sanitary gearmotor, for a 6" (152mm) wide conveyor mounted in the A position with a 32:32 drive / driven pulley combination.

7200 SERIES: SUPPORT STANDS

39M MS 04- 4044 F AA



Example: 39MMS04- 4044F

Description: Sanitary Support Stand with Fixed Foot Pads, for a 4" (102) wide conveyor and adjustable from 40" to 44" (1016 to 1122) high.

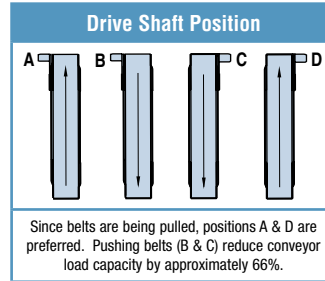
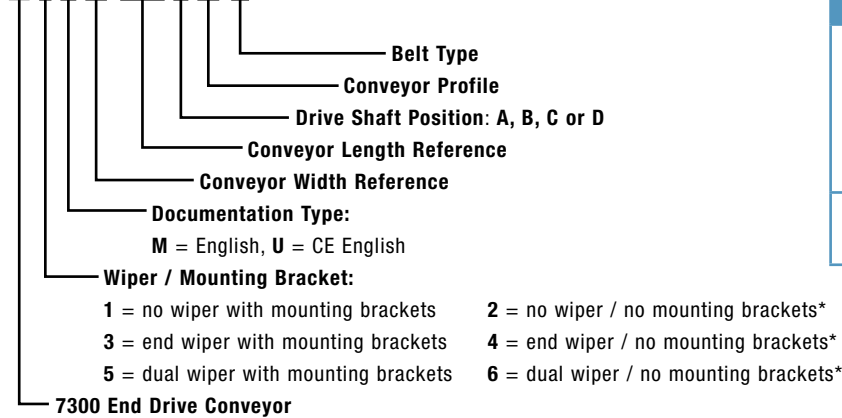
*Stands equipped with casters include diagonal bracing.

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For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7300 SERIES: END DRIVE CONVEYOR

73 1 M 08 1000 D 01 01



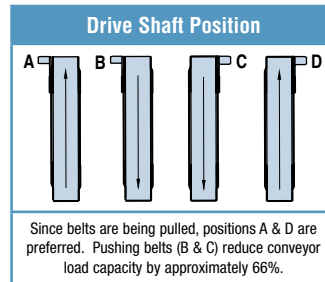
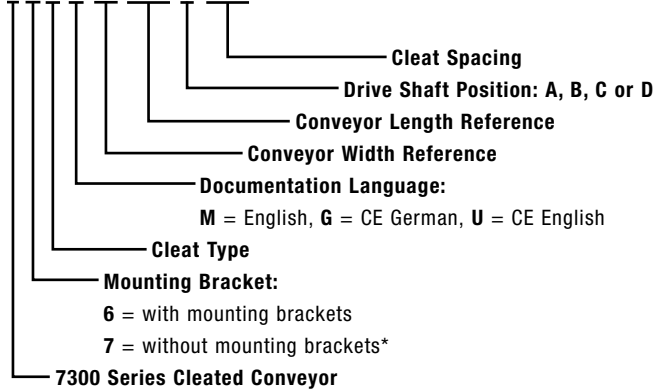
*may require belt return rollers

Example: 731M081000D0101

Description: 7300 Series End Drive Conveyor, 8" (203) wide x 10' (3,048) long, drive shaft position D, with low sides and a FDA accumulation belt and English documentation.

7300 SERIES: CLEATED BELT END DRIVE CONVEYOR

7 6 A M 08 1000 D 0603



*may require belt return rollers

Example: 76AM081000D0603

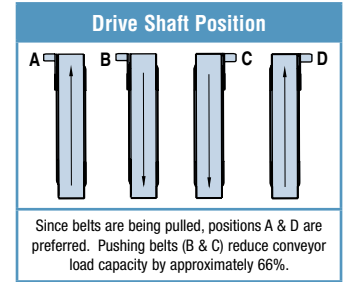
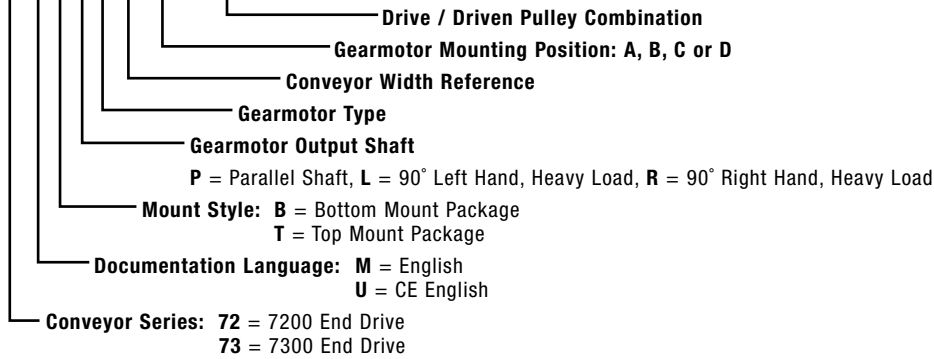
Description: 7300 Series Cleated Belt End Drive Conveyor, 8" (203) wide x 10' (3,048) long drive shaft position D, with Type A cleated belt with cleats spaced on 6.03" (153) centers and English documentation.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7300 SERIES: GEARMOTOR MOUNTING PACKAGES

72 M B L Z 06 A - 3232

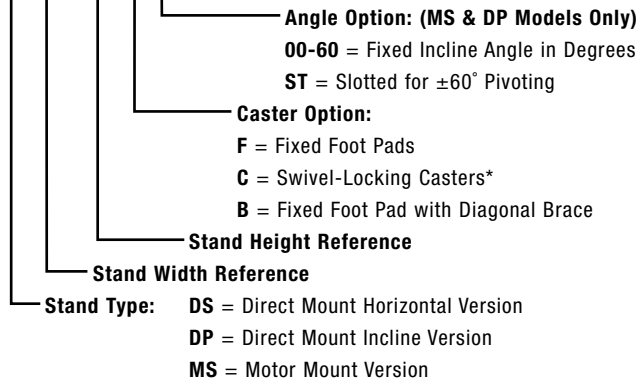


Example: 72MBLZ06A-3232

Description: Sanitary bottom mount package with English documentation for left hand output 90° heavy load sanitary gearmotor, for a 6" (152mm) wide conveyor mounted in the A position with a 32:32 drive / driven pulley combination.

7300 SERIES: SUPPORT STANDS

39M MS 04- 4044 F AA



Example: 39MMS04- 4044F

Description: Sanitary Support Stand with Fixed Foot Pads, for a 4" (102) wide conveyor and adjustable from 40" to 44" (1016 to 1122) high.

*Stands equipped with casters include diagonal bracing.

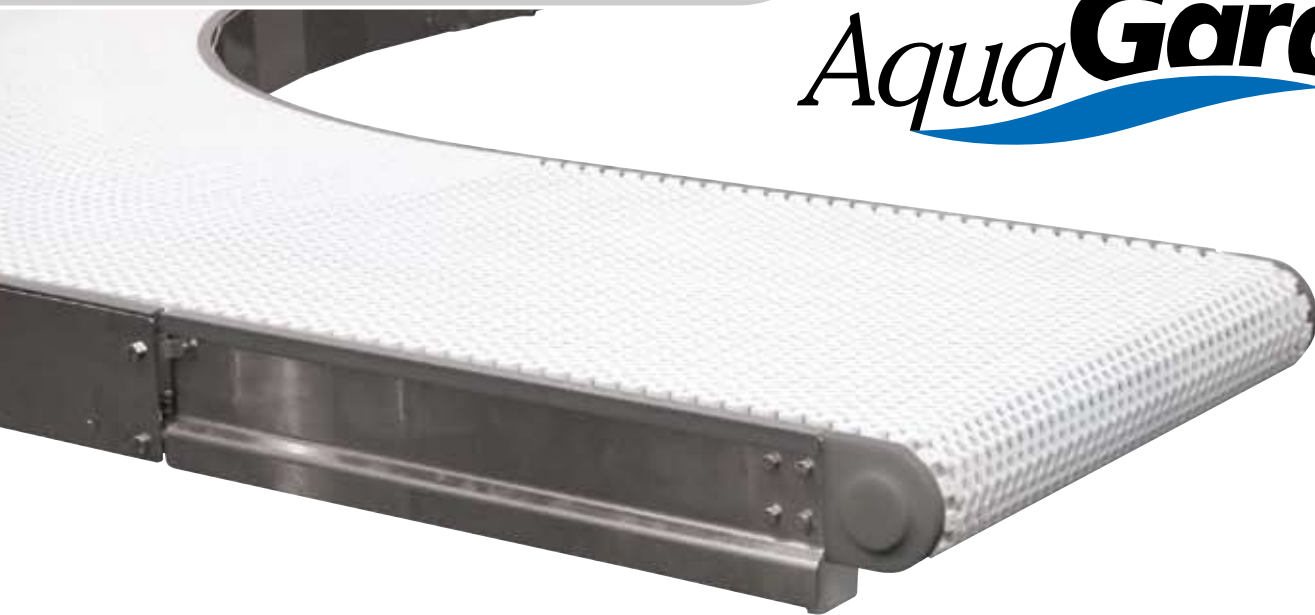
These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

AQUAGARD SERIES

7350 SANITARY CONVEYORS
STAINLESS STEEL

*Aqua***Gard**[™]



General Specifications:

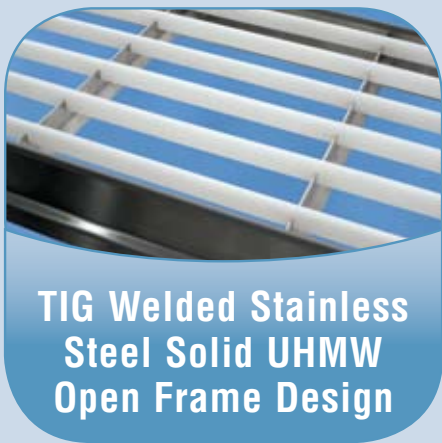
- Straight Modular Flat and Cleated Belt
- Curved Modular Flat Belt
- Straight Z-frame Modular Flat and Cleated Belt
- Curved Z-frame Modular Flat Belt
- Widths:
 - **Curves:** 4" (102 mm) to 36" (914 mm)
 - **Straights:** 4" (102 mm) to 36" (914 mm)
 - **Z-frame Straights and Curves:** 6" (152 mm) to 24" (610 mm)
- Lengths: 36" (914 mm) to 83' (25,298 mm)
- Load Capacity:
 - **Straights and Z-frame Straights:** up to 750 lbs (453 kg)
 - **Curves and Z-frame Curves:** up to 500 lbs (226 kg)
- **CE** models available

Applications:

- Part Transfers
- Part Accumulation
- Mainline Packaging
- High Speed Long Runs
- Automated and Manual Assembly
- Part Incline / Decline Routing (Z-Frame)



Curves 45°, 90°,
135° & 180°



TIG Welded Stainless
Steel Solid UHMW
Open Frame Design



No Drilling with
Innovative Key Hole
& Mounting Rod



STANDARD FEATURE OVERVIEW	38
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MODULAR CLEATED BELT	42
CURVED MODULAR FLAT BELT	44
Z-FRAME MODULAR FLAT BELT	46
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PART NUMBER REFERENCE	72

AquaGard™ 7350 Series Conveyors



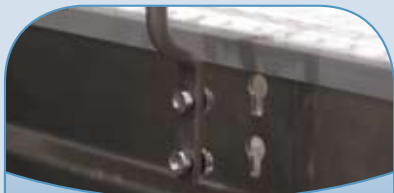
**Improve your bottom line results
with industry leading speeds,
best in class product transfers,
and ease of automation.**

Dorner's AquaGard is ready for
your next product Move!



Tailor Fit Accessories for Your Needs

Ease of Automation & Guiding



**No Drilling with Innovative
Key Hole & Mounting Rod**



**Low Voltage
Wiring Accessories**



**Accessory Bar for Mounting
Multiple Accessories**



**Fully Adjustable
Single Rail**



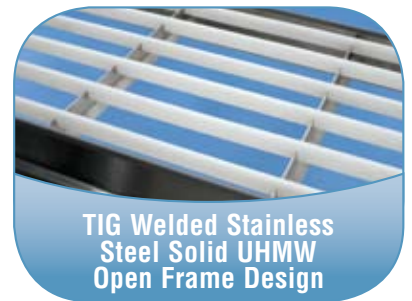
**Fully Adjustable
Twin Rail**



High Side Guide

Maximum Flexibility

- Straight, Curve and Z-Frame Modules
- 3 Product Transfers to Choose From
- No Drilling Required for Ease of Automation or Guiding
 - Attach controls, photo eyes, low voltage wire, & air tubing
 - Attach accessory bar for mounting several automation components
 - Attach any of standard guide packages to tailor fit conveyor



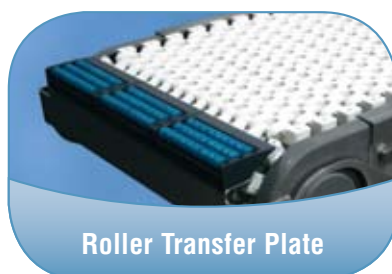
Increase Throughput

- Speeds up to 260 feet per minute
- Available in Straights, Curves, and Z-Frames
- 1" Nose Bar Tails
- Powered Transfer



Reduce Product Loss

- 1" Nose Bar Tails for small part transfer
- Powered Transfer for maintaining speeds through transfer
- Roller transfer plate for smooth product transfer in minimal added length





Specifications:

- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 4" (102 mm) to 36" (914 mm)
- Total lengths: 3' (914 mm) up to 83' (25,298 mm)
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.



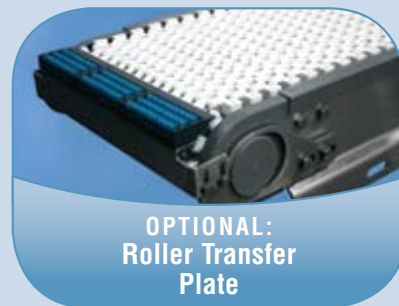
Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



**OPTIONAL:
Powered
Transfer**

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 175 ft/min.



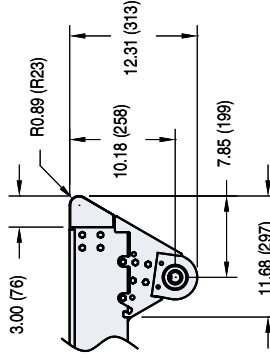
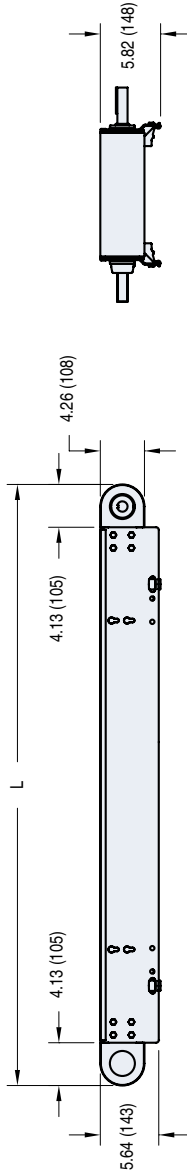
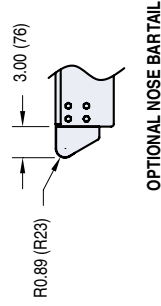
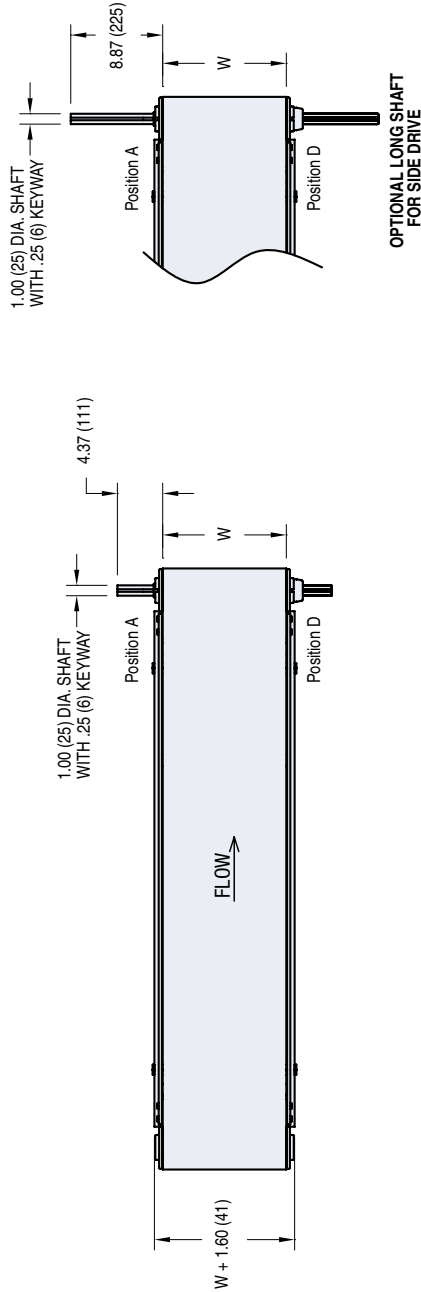
**OPTIONAL:
Roller Transfer
Plate**

For smooth product transitions in minimal added length.

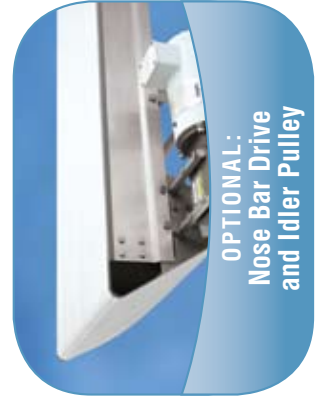
Order gearmotor mounting packages and gearmotors separately; see pages 55-63. For support stands and accessories, see pages 65-71.

For ordering information, see page 72

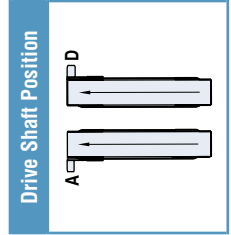
AQUAGARD™ 7350 MODULAR FLAT BELT



W = Conveyor Belt Width **Dim** = in (mm)



1" (25.4 mm) diameter for small parts transfer. Speeds up to 260 ft/min.



STANDARD SIZES			
Conveyor Width Reference	04	02 increments up to...	36
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments up to...	36" (914mm)
Conveyor Length Reference	036	001 increments up to...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to...	999" (25,375mm)

Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.



Specifications:

- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 4" (102 mm) to 24" (610 mm)
- Total lengths: 3' (914 mm) up to 83' (25,298 mm)
- Cleats available in 1" and 3" heights
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- **CE** models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.



Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



High Side Guides



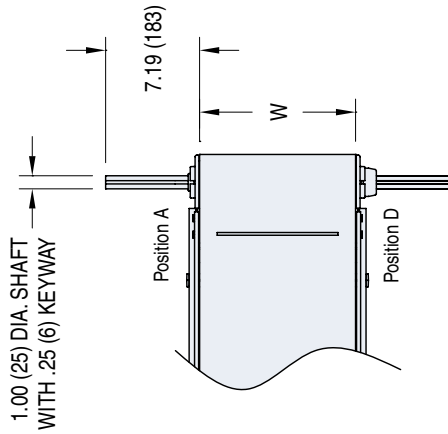
No Drilling with Innovative Key Hole & Mounting Rod

Order gearmotor mounting packages and gearmotors separately; see pages 55-63. For support stands and accessories, see pages 65-71.

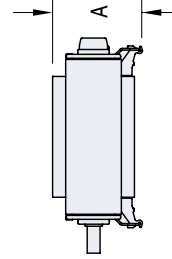
For ordering information, see page 73



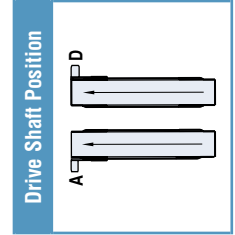
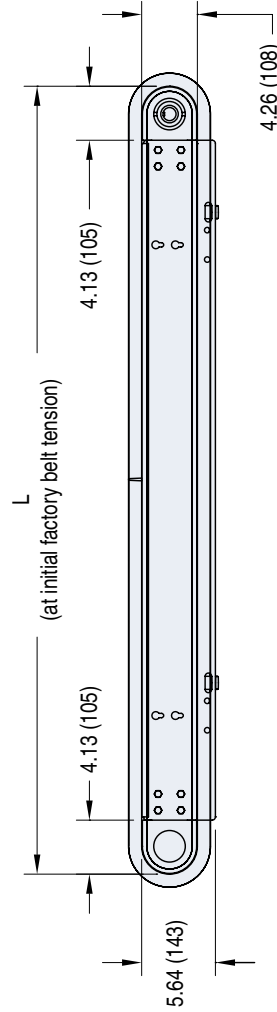
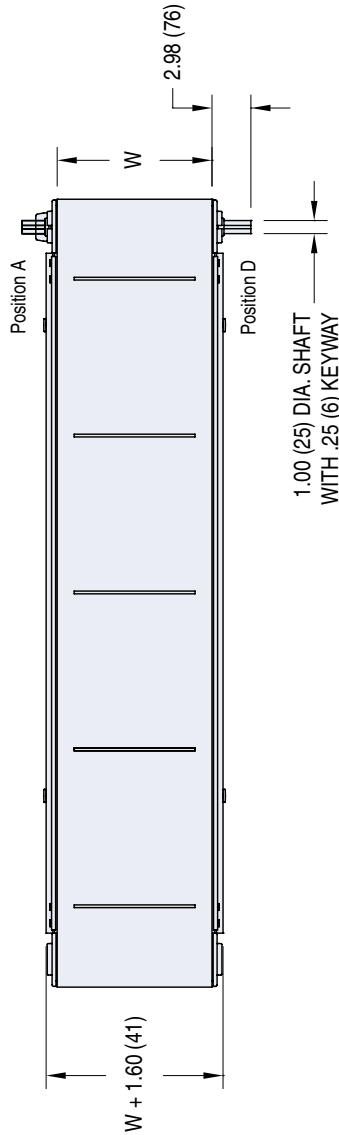
AQUAGARD™ 7350 MODULAR CLEATED BELT



OPTIONAL LONG SHAFT FOR SIDE DRIVE



A = 6.82 (173) for 1" Cleats
8.82 (224) for 3" Cleats



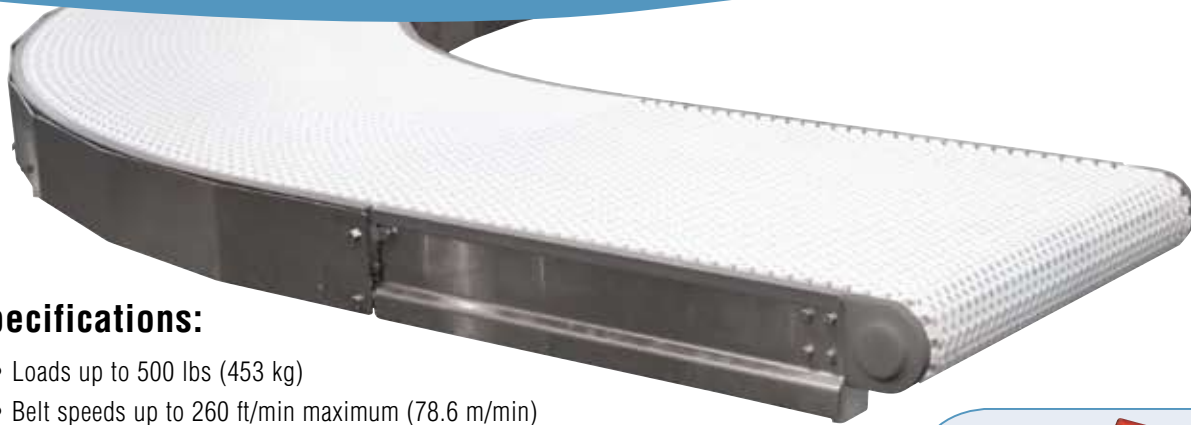
W = Conveyor Belt Width **Dim** = in (mm)

STANDARD SIZES			
Conveyor Width Reference	04	02 increments up to...	24
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments up to...	24" (610mm)
Conveyor Length Reference	036	001 increments up to...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to...	999" (25,375mm)

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.

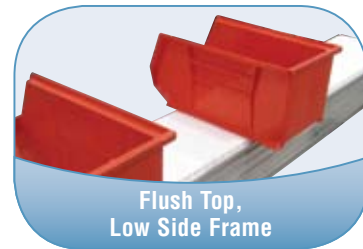
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7350 SERIES: CURVED MODULAR FLAT BELT



Specifications:

- Loads up to 500 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 4" (102 mm) to 36" (914 mm)
- Total lengths up to 83' (25,298 mm)
- 45°, 90°, 135°, & 180° curves available
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available



Flush Top,
Low Side Frame



* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

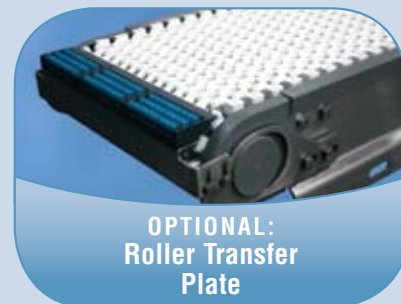
Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



OPTIONAL:
Powered
Transfer

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 260 ft/min.



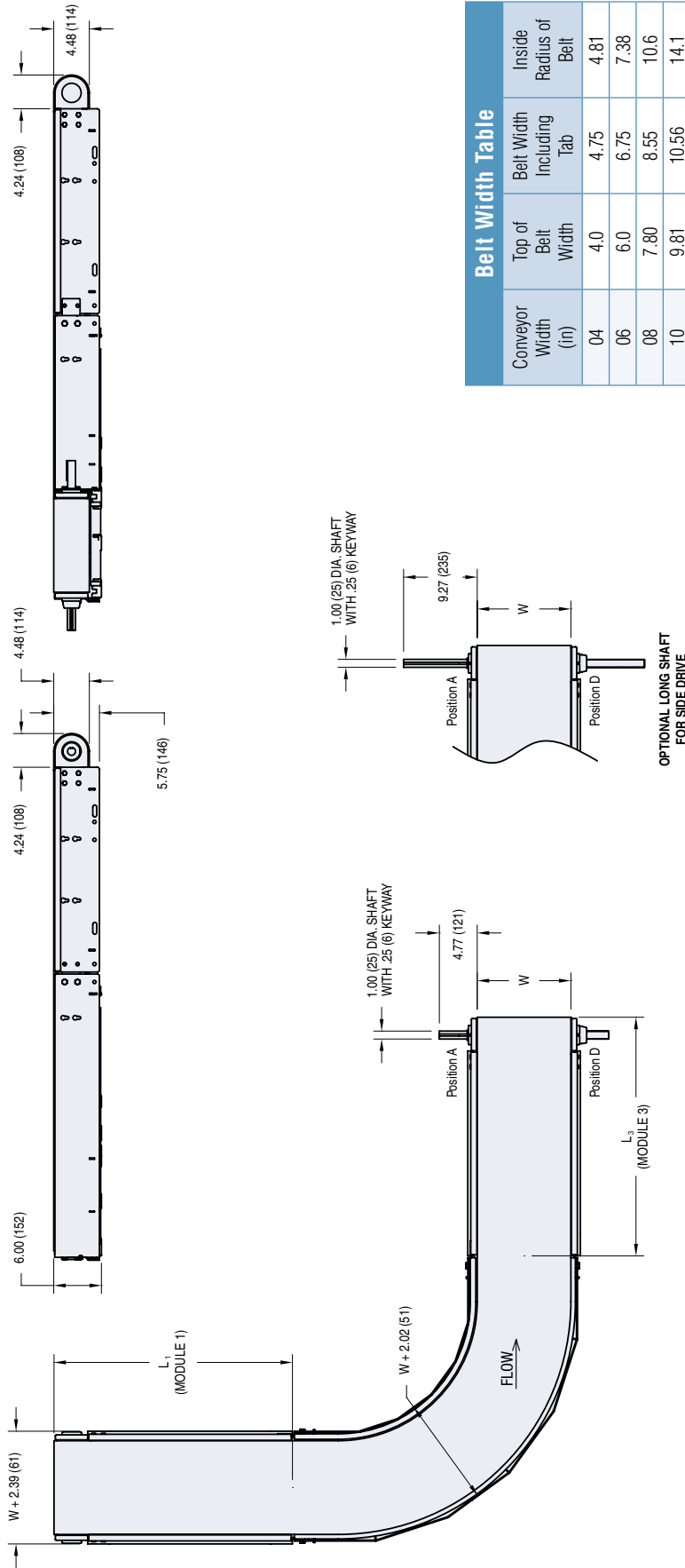
OPTIONAL:
Roller Transfer
Plate

For smooth product transitions in minimal added length.

Order gearmotor mounting packages and gearmotors separately; see pages 55-63. For support stands and accessories, see pages 65-71.

For ordering information, see page 74

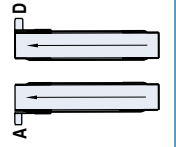
AQUAGARD™ 7350 CURVED MODULAR FLAT BELT



W = Conveyor Belt Width Dim = in (mm)

Conveyor Width (in)	Top of Belt Width	Belt Width Including Tab	Inside Radius of Belt
04	4.0	4.75	4.81
06	6.0	6.75	7.38
08	7.80	8.55	10.6
10	9.81	10.56	14.1
12	11.79	12.53	17.5
14	13.75	14.50	20.8
16	15.72	16.47	24.1
18	17.69	18.44	27.4
20	19.66	20.41	30.7
22	21.63	22.38	33.9
24	23.60	24.35	37.2
26	25.55	26.29	40.5
28	27.51	28.26	43.6
30	29.48	30.23	47.0
32	31.45	32.20	50.2
34	33.42	34.17	53.6
36	35.39	36.14	56.8

Drive Shaft Position

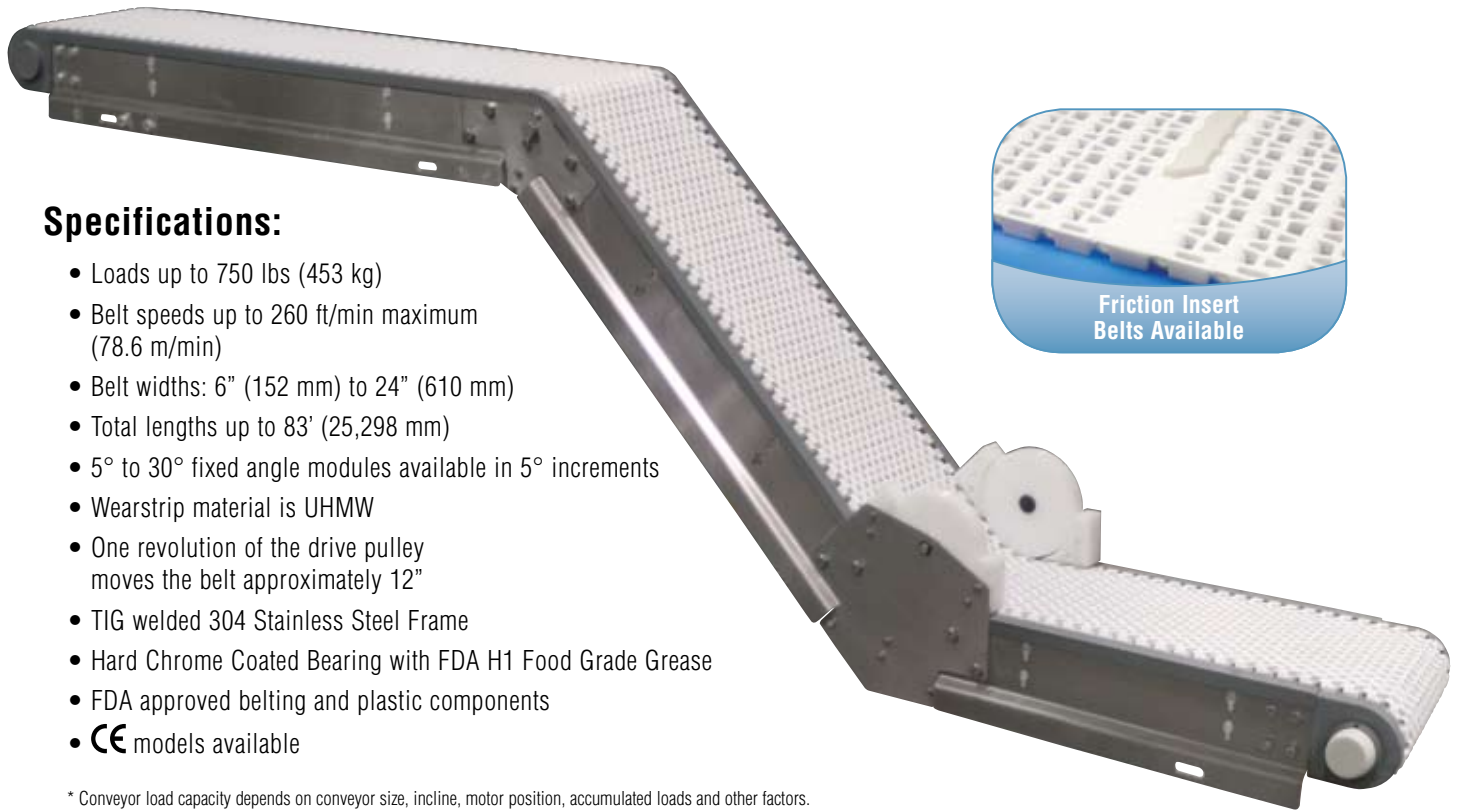


Conveyor Width Reference	04	02 increments up to...	36
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments up to...	36" (914mm)
Conveyor Length Reference	036	001 increments up to...	999
Conveyor Length (L ₁)	Greater of 20" (508mm) or 1.5W	1" (25mm) increments up to...	999" (25,375mm)
Conveyor Length (L ₃)	Greater of 36" (914mm) or 2W	1" (25mm) increments up to...	999" (25,375mm)

Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7350 SERIES: Z-FRAME MODULAR FLAT BELT



Specifications:

- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 83' (25,298 mm)
- 5° to 30° fixed angle modules available in 5° increments
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.



Friction Insert Belts Available

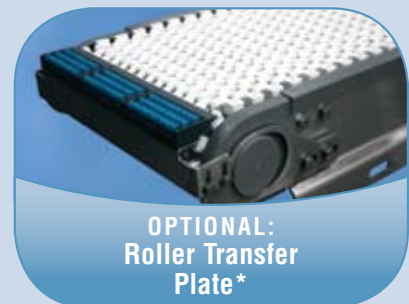
Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



OPTIONAL:
Powered Transfer*

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 175 ft/min.



OPTIONAL:
Roller Transfer Plate*

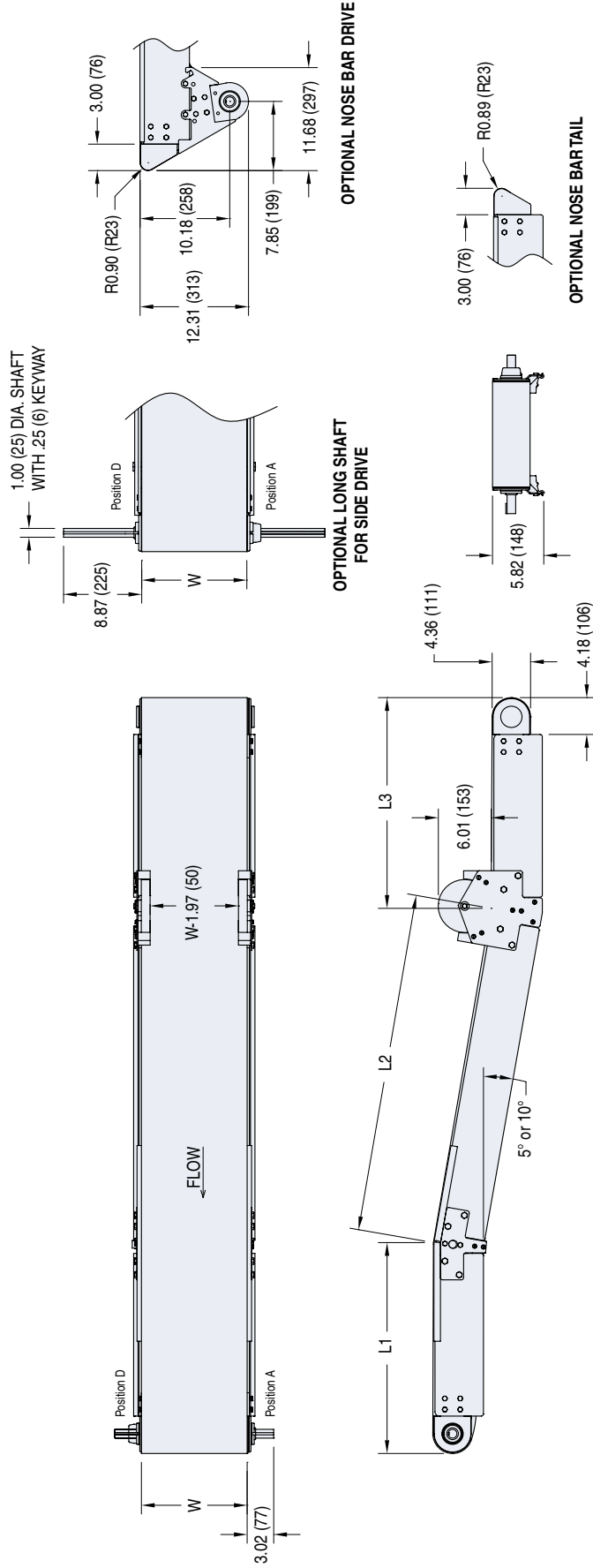
For smooth product transitions in minimal added length.



Z-Frame Configurations

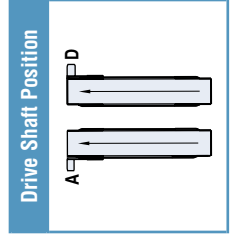
* Powered Transfer and Roller Transfer Plate are not compatible with friction insert belting.

Order gearmotor mounting packages and gearmotors separately; see pages 55-63. For support stands and accessories, see pages 65-71.

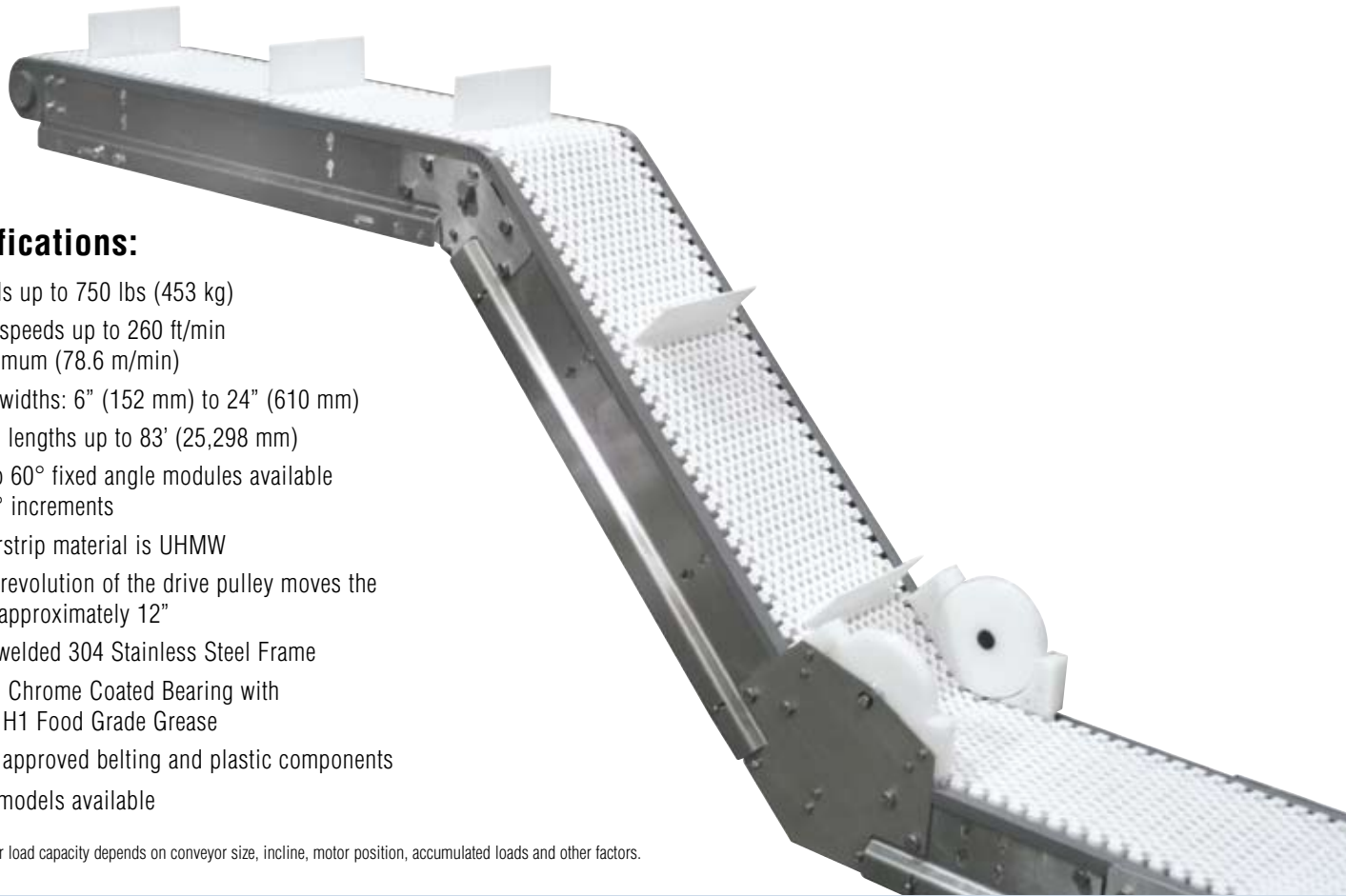


STANDARD SIZES			
Conveyor Width Reference	06	02 increments up to ...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	24" (610mm)
Conveyor Length Reference	024	001 increments up to ...	999
Conveyor Length (L ₁ , L ₂ , L ₃)	24" (610mm)	1" (25mm) increments up to ...	999" (25,375mm)

Note: Nose Bar drive conveyors have a minimum conveyor length of 48"



For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.



Specifications:

- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 83' (25,298 mm)
- 5° to 60° fixed angle modules available in 5° increments
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



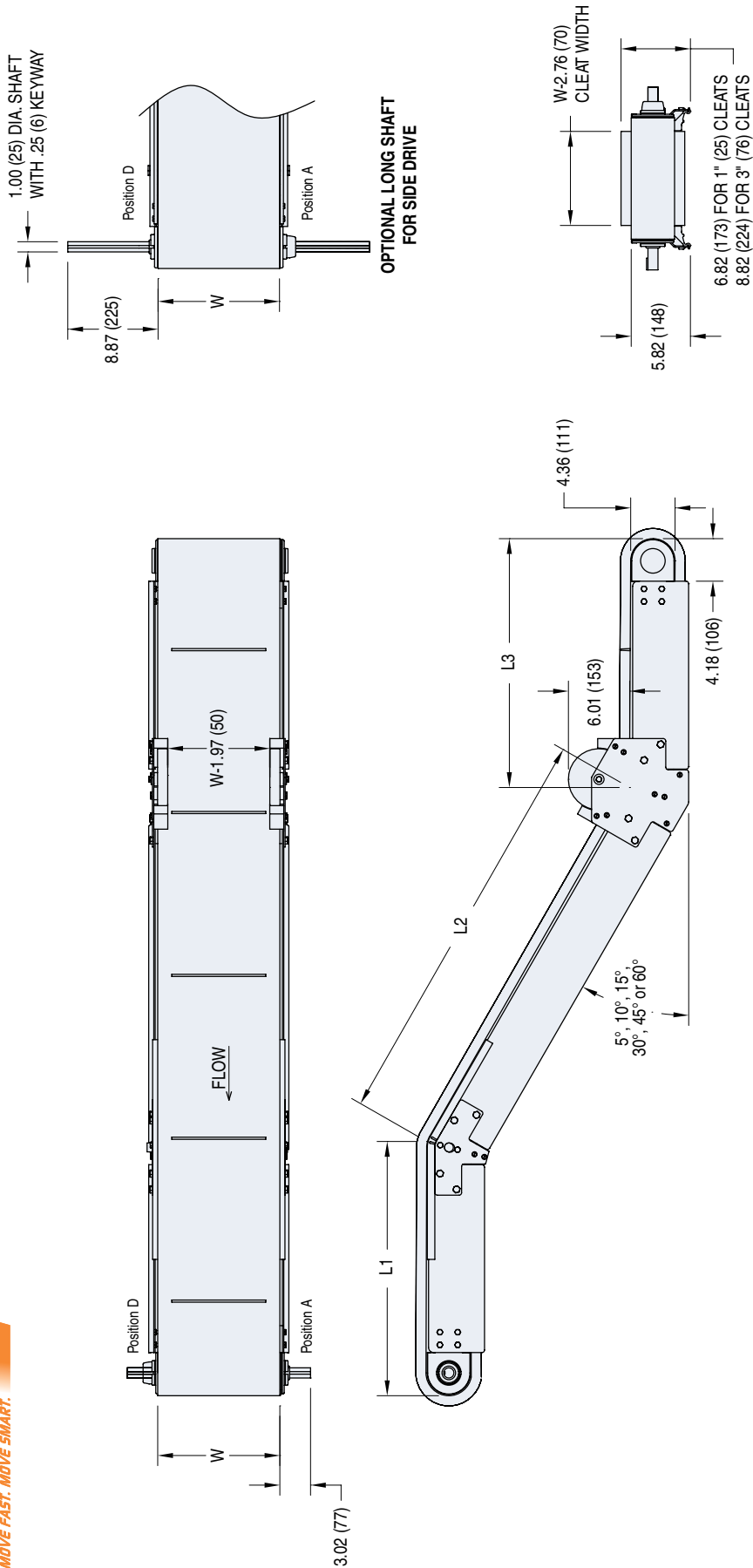
High Side Guides



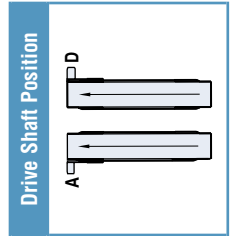
No Drilling with Innovative Key Hole & Mounting Rod



Z-Frame Configurations



W = Conveyor Belt Width Dim = in (mm)



STANDARD SIZES			
Conveyor Width Reference	06	02 increments up to ...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	24" (610mm)
Conveyor Length Reference	024	001 increments up to ...	999
Conveyor Length (L₁, L₂, L₃)	24" (610mm)	1" (25mm) increments up to ...	999" (25,375mm)

Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7350 SERIES: Z-FRAME CURVED MODULAR FLAT BELT

Specifications:

- Loads up to 500 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 83' (25,298 mm)
- 45°, 90°, 135°, & 180° curves available
- 5° to 30° fixed angle modules available in 5° increments
- Wearstrip material is UHMW
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.



Friction Insert Belts Available

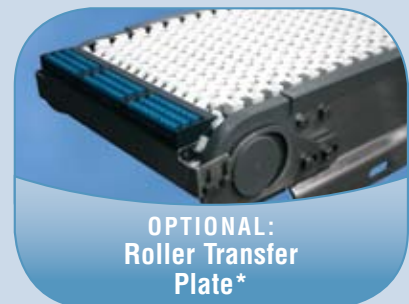
Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length.
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



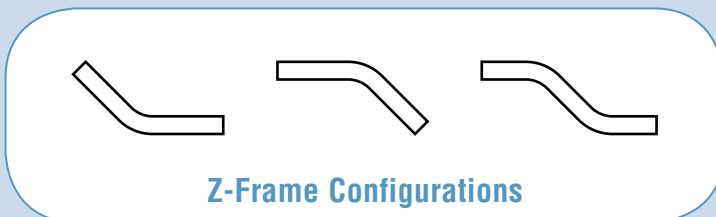
OPTIONAL:
Powered
Transfer*

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 175 ft/min.



OPTIONAL:
Roller Transfer
Plate*

For smooth product transitions in minimal added length.

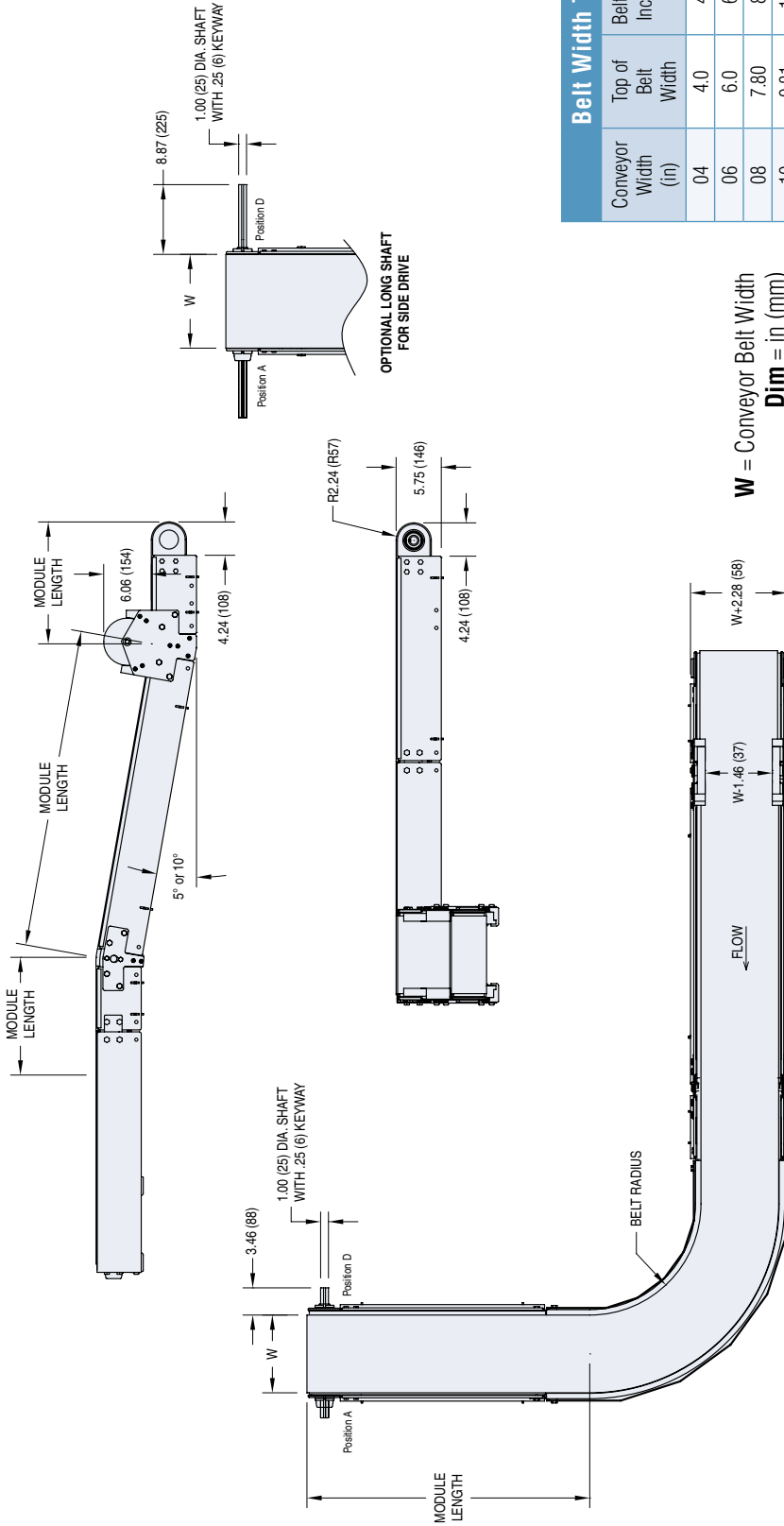


Z-Frame Configurations

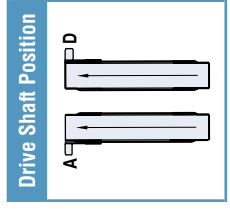
* Powered Transfer and Roller Transfer Plate are not compatible with friction insert belting.

Order gearmotor mounting packages and gearmotors separately; see pages 55-63. For support stands and accessories, see pages 65-71.

AQUAGARD™ 7350 Z-FRAME CURVED MODULAR FLAT BELT



**W = Conveyor Belt Width
Dim = in (mm)**



STANDARD SIZES			
Conveyor Width Reference	06	02 increments up to ...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	24" (610mm)
Conveyor Length Reference (L₁)	036	001 increments up to ...	999
Conveyor Length (L₁)	Greater of 36" (914mm) or 2W	1" (25mm) increments up to ...	999" (25,375mm)
Conveyor Length Reference (L₂)	020	001 increments up to ...	999
Conveyor Length (L₂)	Greater of 20" (508mm) or 1.5W	1" (25mm) increments up to ...	999" (25,375mm)
Conveyor Length Reference (L₃, L₄)	024	001 increments up to ...	999
Conveyor Length (L₃, L₄)	24" (610mm)	1" (25mm) increments up to ...	999" (25,375mm)

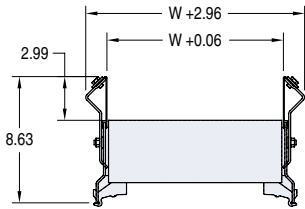
Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

Belt Width Table

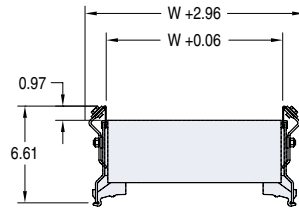
Conveyor Width (in)	Top of Belt Width	Belt Width Including Tab	Inside Radius of Belt
04	4.0	4.75	4.81
06	6.0	6.75	7.38
08	7.80	8.55	10.6
10	9.81	10.56	14.1
12	11.79	12.53	17.5
14	13.75	14.50	20.8
16	15.72	16.47	24.1
18	17.69	18.44	27.4
20	19.66	20.41	30.7
22	21.63	22.38	33.9
24	23.60	24.35	37.2
26	25.55	26.29	40.5
28	27.51	28.26	43.6
30	29.48	30.23	47.0
32	31.45	32.20	50.2
34	33.42	34.17	53.6
36	35.39	36.14	56.8

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

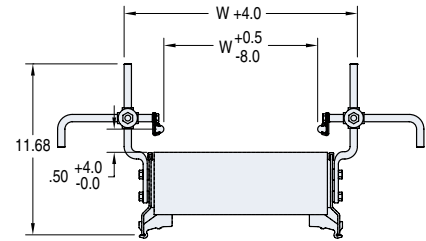
FLAT PROFILES



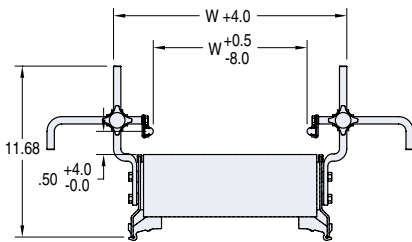
04
3" Bolt-On High Side



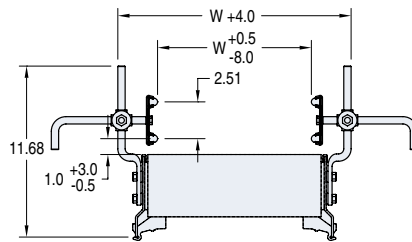
05
1" Bolt-On High Side



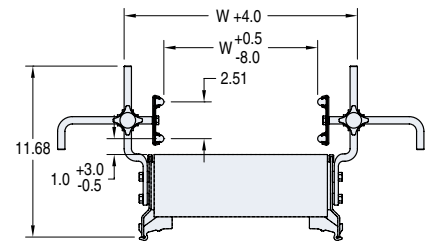
13
Fully Adjustable Round



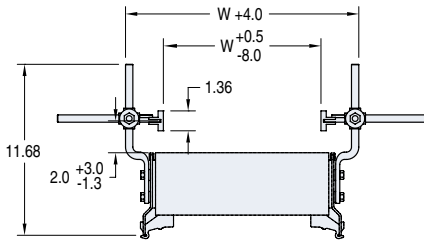
14
Fully Adjustable Round
w/ Tool-less Handles



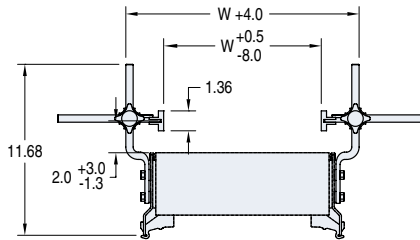
15
Fully Adjustable Twin Rail



16
Fully Adjustable Twin Rail
w/ Tool-less Handles



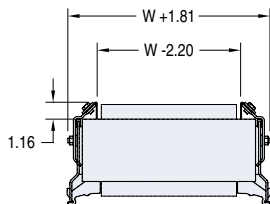
17
Fully Adjustable Flat



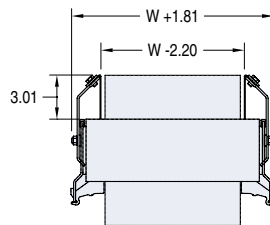
18
Fully Adjustable Flat
w/ Tool-less Handles

Note: Profile 17 and 18 use flexible UHMW rail for flex around curve module.

CLEATED PROFILES



02
1" Bolt-On High Side



03
3" Bolt-On High Side

W = Conveyor Belt Width **Dim** = in (mm)

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

Dorner's Standard Modular Plastic Belting offers these valuable advantages:



Friction Inserts

are available for incline applications. Inserts may be placed along entire length of the belt or spaced on 2", 4", 6" or 12" centers.

Friction inserts are indented 2" (51 mm) from each belt edge.



Flat Top Belts

provide a very closed surface for complete product support, easy wiping.



Flush Grid Belts

provide an open surface for better drainage, cleaning or air flow/cooling.



Curve Belts

provide a tight radius, space saving corner. Side tabs ensure positive belt tracking with a flush top design. Reduces number of drives.



Cleated Belts

provide a sturdy cleat for elevation at steep inclines. Cleats available in 1" and 3" heights.

Standard Plastic Chain Options

Belt Type		Part Number Reference	Description	% Open	Pitch in (mm)	Belt Thickness in (mm)	Color	Belt Material	Rod Material	Minimum Product Temperature F(C)***	Maximum Product Temperature F(C)***	FDA / CFIA Approved*	Chemical Resistance	Wear Resistance	Maximum Incline / Decline (degrees)**	Nose Bar Idler Diameter in (mm)
Straight Flat Belts	Standard Drive & Idler Pulley	MN	Flat top	0	1 (25)	0.39 (10)	Blue	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	5	N/A
		MP	Flat top	0	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	5	N/A
		MC	Flush Grid	35	1 (25)	0.39 (10)	White	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	5	N/A
		MD	Flush Grid	35	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	5	N/A
	Nose Bar Drive or Nose Bar Idler	MG	Flat top	0	0.5 (13)	0.39 (10)	White	Acetal	Nylon	-40 (-40)	200 (93)	Y	Good	V-Good	5	1 (25)
		MH	Flat top	0	0.5 (13)	0.39 (10)	White	Polypropylene	Nylon	40 (5)	220 (105)	Y	V-Good	Good	5	1 (25)
		MJ	Flush Grid	25	0.5 (13)	0.39 (10)	White	Acetal	Nylon	-40 (-40)	200 (93)	Y	Good	V-Good	5	1 (25)
		MK	Flush Grid	25	0.5 (13)	0.39 (10)	White	Polypropylene	Nylon	40 (5)	220 (105)	Y	V-Good	Good	5	1 (25)
Cleated Straight Belts	Standard Drive & Idler Pulley	NJ	Flat top w/ 1" Cleats	0	1 (25)	0.39 (10)	Blue	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NK	Flat top w/ 1" Cleats	0	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
		NL	Flat top w/ 3" Cleats	0	1 (25)	0.39 (10)	Blue	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NM	Flat top w/ 3" Cleats	0	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
		NE	Flush Grid w/ 1" cleats	35	1 (25)	0.39 (10)	White	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NF	Flush Grid w/ 1" cleats	35	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
		NG	Flush Grid w/ 3" cleats	35	1 (25)	0.39 (10)	White	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NH	Flush Grid w/ 3" cleats	35	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
Friction Top Straight Belts	Standard & Nose Bar Idler Pulley	SEE TABLE BELOW	Flat top w/ friction inserts	0	1 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	N/A
		SEE TABLE BELOW	Flush Grid w/ friction inserts	35	1 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	N/A
Curved Flat Belts	Standard & Nose Bar Idler Pulley	MT	Tight Radius	35	1 (25)	0.5 (13)	White	Acetal	Nylon	-40 (-40)	200 (93)	Y	Good	V-Good	N/A	1.6 (41)

* FDA = Food and Drug Administration, CFIA = Canadian Food Inspection Agency

** Temperature, environmental conditions, product materials and product configuration effect the maximum incline or decline. Product testing is recommended.

*** These do not indicate ambient running conditions. Ambient temperature range is 30 to 100 F (-1 to 38 C).

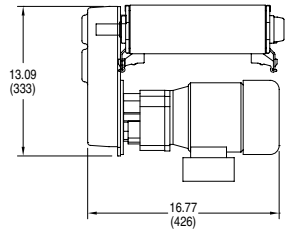
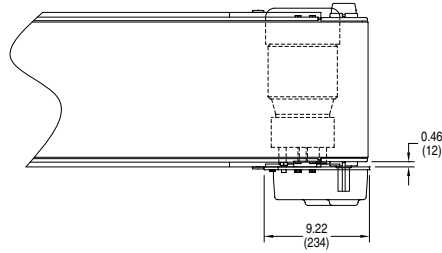
Product temperature is dependent on length of time product is in direct contact with belt surface. Product testing is recommended.

FRICION TOP STRAIGHT PLASTIC CHAIN: Part number reference chart

Flat Top w/ Friction Inserts Part Number Reference	TA	TB	TC	TD	TE
Flush Grid w/ Friction Inserts Part Number Reference	N/A	TF	TG	TH	TJ
Friction Insert Spacing [links]	1	2	4	6	12
Friction Insert Spacing	1" (25 mm)	2" (51 mm)	4" (102 mm)	6" (152 mm)	12" (305 mm)

Note: Friction Top not available on nose bar drives

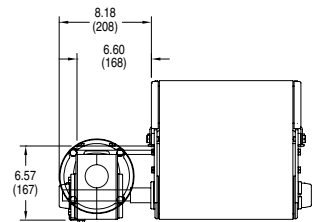
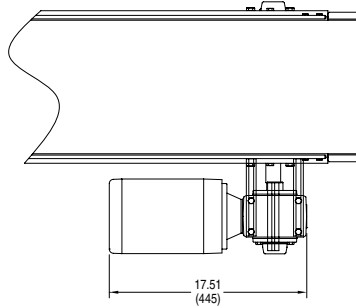
Bottom Mount Package, Parallel Shaft Gearmotor



- Includes stainless steel gearmotor mounting bracket, timing belt, plated pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

Nose Bar Mount Package, 90° Gearmotor



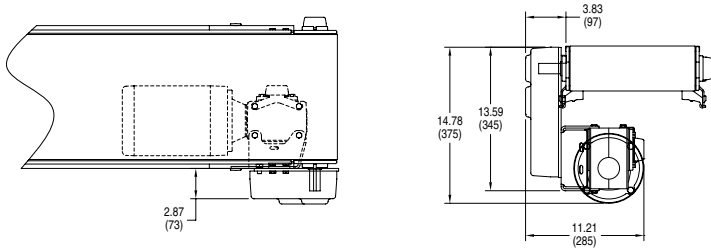
- Includes stainless steel gearmotor mounting bracket and mounting hardware

W = Conveyor Belt Width

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7350 SERIES: GEARMOTOR MOUNTING PACKAGES

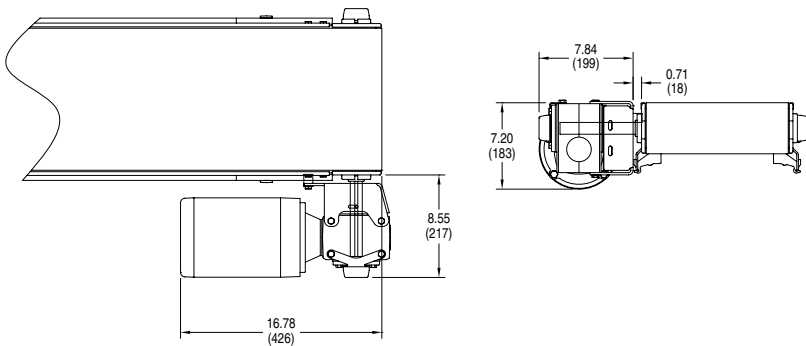
Bottom Mount Package, 90° Gearmotor



- Includes stainless steel gearmotor mounting bracket, timing belt, plated pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

Side Mount Package, 90° Gearmotor

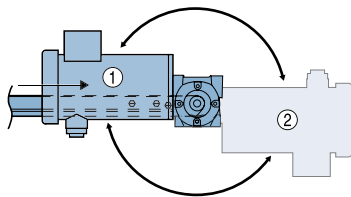


- Includes stainless steel gearmotor mounting bracket and mounting hardware

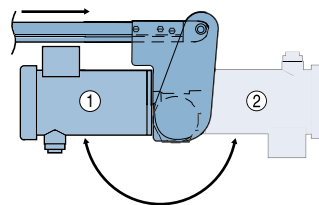
W = Conveyor Belt Width

90° Gearmotor Location Options

Side Mount



Bottom Mount



Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user. Dimensions = in (mm)

For ordering information, see page 78

Parallel Shaft Gearmotor

Fixed Speed						
Belt Speed		RPM From Gearmotor	Mount Package	Pulley Kit		Gearmotor Chart
Ft/min	M/min		Bottom	Drive Pulley	Driven Pulley	
21	6.4	21	x	30	30	1
25	7.7	21	x	36	30	1
31	9.4	31	x	30	30	1
37	11.3	31	x	36	30	1
50	15.2	50	x	30	30	1
60	18.3	50	x	36	30	1
84	25.6	84	x	30	30	1
101	30.7	84	x	36	30	1
122	37.2	122	x	30	30	1
146	44.6	122	x	36	30	1
170	51.8	170	x	30	30	1
190	57.9	190	x	36	30	1
204	62.2	170	x	30	30	1
228	69.5	190	x	36	30	1
258	78.6	258	x	30	30	1
CE Gearmotor RPM at 50 Hz.						
17	5.2	17	x	30	30	2
20	6.2	17	x	36	30	2
36	11.0	36	x	30	30	2
43	13.2	36	x	36	30	2
48	14.6	48	x	30	30	2
58	17.6	48	x	36	30	2
74	22.6	74	x	30	30	2
89	27.1	74	x	36	30	2
88	26.8	88	x	30	30	2
106	32.2	88	x	36	30	2
127	38.7	127	x	30	30	2
152	46.5	127	x	36	30	2
158	48.2	158	x	30	30	2
190	57.8	158	x	36	30	2
194	59.1	194	x	30	30	2
233	71.0	194	x	36	30	2

Variable Speed						
Belt Speed		RPM From Gearmotor	Mount Package	Pulley Kit		Gearmotor Chart
Ft/min	M/min		Bottom	Drive Pulley	Driven Pulley	
4 - 21	1.3 - 6.4	21	x	30	30	6
5 - 25	1.5 - 7.7	21	x	36	30	6
6 - 31	1.9 - 9.4	31	x	30	30	6
7 - 37	2.3 - 11.3	31	x	36	30	6
10 - 50	3.0 - 15.2	50	x	30	30	6
12 - 60	3.7 - 18.3	50	x	36	30	6
17 - 84	5.1 - 25.6	84	x	30	30	6
20 - 101	6.1 - 30.7	84	x	36	30	6
24 - 122	7.4 - 37.2	122	x	30	30	6
29 - 146	8.9 - 44.6	122	x	36	30	6
34 - 170	10.4 - 51.8	170	x	30	30	6
38 - 190	11.6 - 57.9	190	x	36	30	6
41 - 204	12.4 - 62.2	170	x	30	30	6
46 - 228	13.9 - 69.5	190	x	36	30	6
52 - 258	15.7 - 78.6	258	x	30	30	6
CE RPM from 50 Hz. gearmotors. VFD drive at 63 max. Hz. output.						
4 - 27	2.6 - 5.2	17	x	30	30	7
5 - 33	3.1 - 6.2	17	x	36	30	7
9 - 58	5.5 - 11.0	36	x	30	30	7
10 - 69	6.6 - 13.2	36	x	36	30	7
12 - 77	7.3 - 14.6	48	x	30	30	7
14 - 92	8.8 - 17.6	48	x	36	30	7
18 - 118	11.3 - 22.6	74	x	30	30	7
21 - 142	13.5 - 27.1	74	x	36	30	7
21 - 141	13.4 - 26.8	88	x	30	30	7
25 - 169	16.1 - 32.2	88	x	36	30	7
30 - 203	19.4 - 38.7	127	x	30	30	7
37 - 244	23.2 - 46.5	127	x	36	30	7
38 - 253	24.1 - 48.2	158	x	30	30	7

Washdown 90° Gearmotor

Fixed Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side & Nose Bar	Drive Pulley	Driven Pulley	
22	6.7	22	x	x	30	30	3, 4
26	8.0	22	x		36	30	3, 4
29	8.8	29	x	x	30	30	3, 4
35	10.6	29	x		36	30	3, 4
44	13.4	44	x	x	30	30	3, 4
53	16.1	44	x		36	30	3, 4
58	17.7	58	x	x	30	30	3, 4
70	21.2	58	x		36	30	3, 4
87	26.5	87	x	x	30	30	3, 4
104	31.8	87	x		36	30	3, 4
117	35.7	117	x	x	30	30	3, 4
140	42.8	117	x		36	30	3, 4
175	53.3	175	x	x	30	30	3, 4
210	64.0	175	x		36	30	3, 4
233	71.0	233	x	x	30	30	3, 4
CE Gearmotor RPM at 50 Hz.							
23	7.0	23		x			5
46	14.0	46		x			5
55	16.8	55		x			5
93	28.3	93		x			5
140	42.7	140		x			5
186	56.7	186		x			5

Variable Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side & Nose Bar	Drive Pulley	Driven Pulley	
4 - 22	1.3 - 6.7	22	x	x	30	30	8, 9
5 - 26	1.6 - 8.0	22	x		36	30	8, 9
6 - 29	1.8 - 8.8	29	x	x	30	30	8, 9
7 - 35	2.1 - 10.6	29	x		36	30	8, 9
9 - 44	2.7 - 13.4	44	x	x	30	30	8, 9
11 - 53	3.2 - 16.1	44	x		36	30	8, 9
12 - 58	3.5 - 17.7	58	x	x	30	30	8, 9
14 - 70	4.2 - 21.2	58	x		36	30	8, 9
17 - 87	5.3 - 26.5	87	x	x	30	30	8, 9
21 - 104	6.4 - 31.8	87	x		36	30	8, 9
23 - 117	7.1 - 35.7	117	x	x	30	30	8, 9
28 - 140	8.6 - 42.8	117	x		36	30	8, 9
35 - 175	10.7 - 53.3	175	x	x	30	30	8, 9
42 - 210	12.8 - 64.0	175	x		36	30	8, 9
47 - 233	14.2 - 71.0	233	x	x	30	30	8, 9
CE RPM from 50 Hz. gearmotors. VFD drive at 80 max. Hz. output.							
6 - 37	3.5 - 7.0	23		x			10
11 - 74	7.0 - 14.0	46		x			10
13 - 88	8.4 - 16.8	55		x			10
22 - 149	14.2 - 28.3	93		x			10
34 - 224	21.3 - 42.7	140		x			10
45 - 298	28.3 - 56.7	186		x			10

Industrial 90° Gearmotor

Fixed Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
29	8.8	29	x		30	30	*
35	10.6	29	x		36	30	*
43	13.1	43	x		30	30	*
52	15.7	43	x		36	30	*
86	26.2	86	x		30	30	*
103	31.5	86	x		36	30	*
173	52.7	173	x		30	30	*
208	63.3	173	x		36	30	*

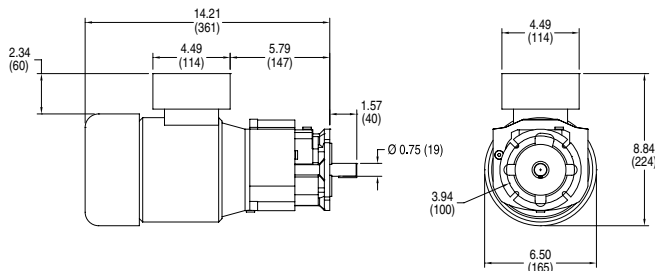
Variable Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
6 - 29	1.8 - 8.8	29	x		30	30	*
7 - 35	2.1 - 10.6	29	x		36	30	*
9 - 43	2.6 - 13.1	43	x		30	30	*
10 - 52	3.1 - 15.7	43	x		36	30	*
17 - 86	5.2 - 26.2	86	x		30	30	*
21 - 103	6.3 - 31.5	86	x		36	30	*
35 - 173	10.5 - 52.7	173	x		30	30	*
42 - 208	12.7 - 63.3	173	x		36	30	*

* Note: For Industrial Gearmotors see Industrial Full Specification Catalog, 3200 Gearmotors section on page 99, Charts 6, 9 and 10.

STANDARD LOAD, FIXED SPEED

Chart 1 Parallel Shaft, Painted Gearmotor

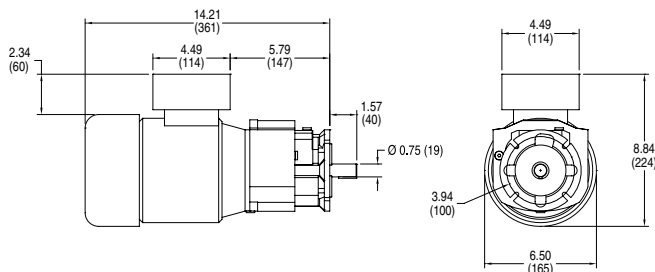
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Food Grade Paint
- Total Enclosed Fan Cooled
- 230/460 Volts, 3 Phase, 60 Hz
- Order Motor Starter Separately, see page 64



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73M081PS423FN	21	2	0.16	0.12	230 / 460	0.88 / 0.44	483	55
73M054PS423FN	32	2	0.25	0.19	230 / 460	1.12 / 0.56	507	57
73M034PS423FN	50	2	0.50	0.37	230 / 460	1.90 / 0.95	633	72
73M020PS423FN	84	2	0.75	0.56	230 / 460	2.70 / 1.35	563	64
73M013PS423FN	122	2	1.00	0.75	230 / 460	3.66 / 1.83	517	58
73M010PS423FN	170	2	1.00	0.75	230 / 460	3.66 / 1.83	374	42
73M008PS423FN	190	2	1.00	0.75	230 / 460	3.66 / 1.83	333	38
73M006PS423FN	258	2	1.00	0.75	230 / 460	3.66 / 1.83	246	28

Chart 2 CE Parallel Shaft Gearmotor

- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz
- Order Motor Starter Separately, see page 64



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U081PS423FN	17	2	0.16	0.12	230 / 400	0.96 / 0.55	389	44
73U039PS423FN	36	2	0.5	0.37	230 / 400	1.9 / 1.09	549	62
73U029PS423FN	48	2	0.75	0.56	230 / 400	2.64 / 1.52	620	70
73U019PS423FN	74	2	1.0	0.75	230 / 400	3.65 / 2.1	531	60
73U016PS423FN	88	2	1.0	0.75	230 / 400	3.65 / 2.1	451	51
73U011PS423FN	127	2	1.5	1.12	230 / 400	4.89 / 2.81	469	53
73U009PS423FN	158	2	1.5	1.12	230 / 400	4.89 / 2.81	372	42
73U007PS423FN	194	2	1.0	0.75	230 / 400	3.65 / 2.1	327	37

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

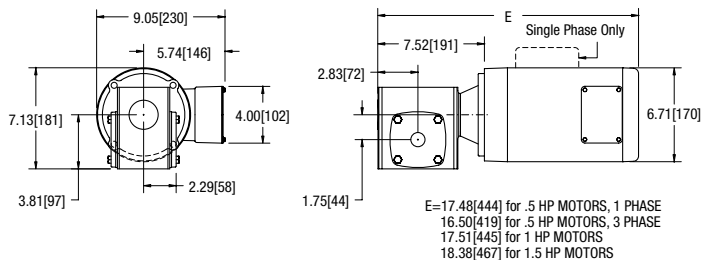
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, FIXED SPEED

Chart 3 Painted Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order optional Manual Motor Starter separately, see page 64
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase

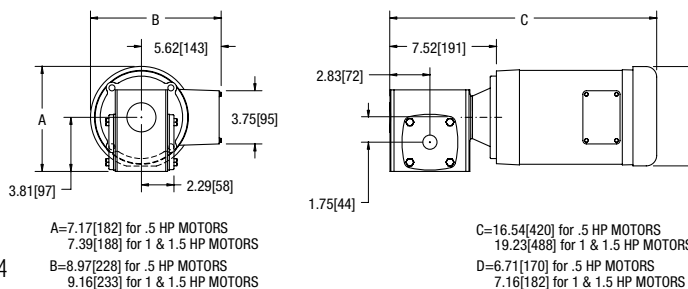


Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm
			Hp	kW	FLA	Hp	kW	FLA		
74M080HS4(vp)FN	22	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	356	40.2
74M060HS4(vp)FN	29	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	442	49.9
74M040HS4(vp)FN	44	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	486	54.9
74M030HS4(vp)FN	58	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	487	55.0
74M020HS4(vp)FN	87	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	407	46.0
74M015HS4(vp)FN	117	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	470	53.1
74M010HS4(vp)FN	175	1	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	442	49.9
74M007HS4(vp)FN	233	1	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	360	40.7

(vp) = voltage and Phase 11 = 115 / 208-230, 1 Phase 23 = 0.5 HP: 230 / 460 Volts, 3 Phase; 1.0 & 1.5 HP: 208-230 / 460 Volts, 3 Phase

Chart 4 Stainless Steel Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- 208-230 / 460 V, 3 Phase
- Order optional Manual Motor Starter separately, see page 64
- 0.5 Hp 230 / 460 V, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 V, 3 Phase



Part Number	RPM	Gearmotor Type	3 Phase				in.-lbs.	Nm
			Hp	kW	Volts	FLA		
74M080HS423FN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423FN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423FN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423FN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HS423FN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	407	46.0
74M015HS423FN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HS423FN	175	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	442	49.9
74M007HS423FN	233	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	360	40.7

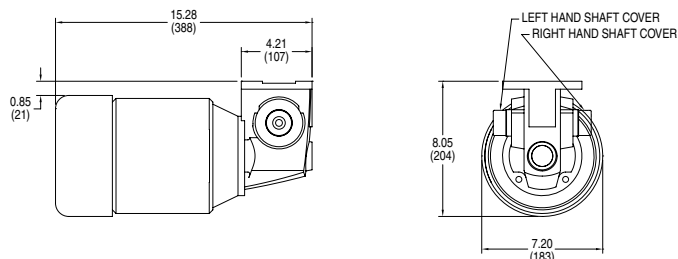
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, FIXED SPEED

Chart 5 CE 90° Gearmotor

- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz
- Order Motor Starter Separately, see page 64



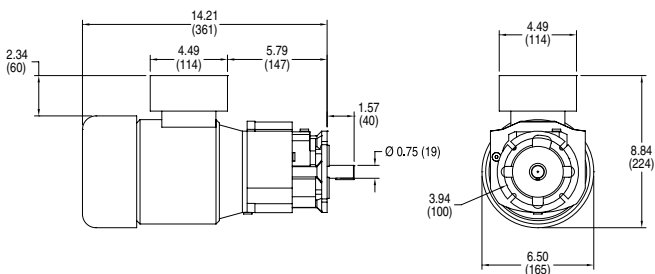
Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U060HS423FN	23	1	0.5	0.37	230 / 400	1.91 / 1.1	716	81
73U030HS423FN	46	1	1.0	0.75	230 / 400	3.65 / 2.1	902	102
73U025HS423FN	55	1	1.0	0.75	230 / 400	3.65 / 2.1	831	94
73U015HS423FN	93	1	1.5	1.12	230 / 400	4.89 / 2.81	787	89
73U010HS423FN	140	1	1.5	1.12	230 / 400	4.89 / 2.81	566	64
73U007HS423FN	186	1	2.0	1.49	230 / 400	6.17 / 3.55	593	67
73U005HS423FN	279	1	2.0	1.49	230 / 400	6.17 / 3.55	407	46

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

STANDARD LOAD, VARIABLE SPEED

Chart 6 Parallel Shaft, Painted Gearmotor

- Variable Frequency Drive, 12 to 60 Hz
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Food Grade Paint
- Total Enclosed Fan Cooled
- 230/460 Volts, 3 Phase, 60 Hz nominal
- Order Controller Separately, see page 64



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M081PS423EN	4.2 to 21	2	0.16	0.12	230 / 460	0.88 / 0.44	483	55
74M054PS423EN	6.2 to 31	2	0.25	0.19	230 / 460	1.12 / 0.56	507	57
74M034PS423EN	10 to 50	2	0.50	0.37	230 / 460	1.90 / 0.95	633	72
74M020PS423EN	16.8 to 84	2	0.75	0.56	230 / 460	2.70 / 1.35	563	64
74M013PS423EN	24.4 to 122	2	1.00	0.75	230 / 460	3.66 / 1.83	517	58
74M010PS423EN	34 to 170	2	1.00	0.75	230 / 460	3.66 / 1.83	374	42
74M008PS423EN	38 to 190	2	1.00	0.75	230 / 460	3.66 / 1.83	333	38
74M006PS423EN	51.6 to 258	2	1.00	0.75	230 / 460	3.66 / 1.83	246	28

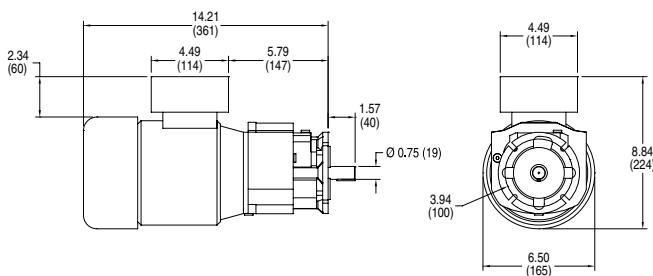
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, VARIABLE SPEED

Chart 7 CE Parallel Shaft Gearmotor

- Variable Frequency Drive
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Unpainted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts 3 Phase, 50 Hz nominal
- Order Controller Separately, see page 64

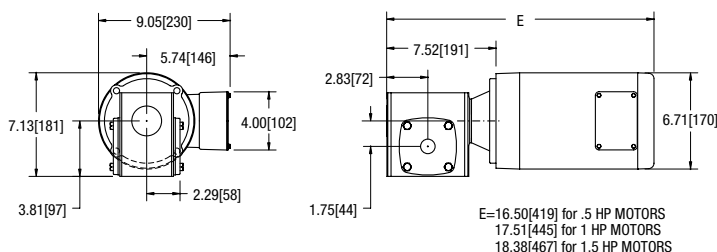


Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U081PS423EN	4.1 to 27	2	0.16	0.12	230 / 400	0.96 / 0.55	389	44
73U039PS423EN	8.6 to 58	2	0.5	0.37	230 / 400	1.9 / 1.09	549	62
73U029PS423EN	11.5 to 77	2	0.75	0.56	230 / 400	2.64 / 1.52	620	70
73U019PS423EN	17.8 to 118	2	1.0	0.75	230 / 400	3.65 / 2.1	531	60
73U016PS423EN	21.1 to 141	2	1.0	0.75	230 / 400	3.65 / 2.1	451	51
73U011PS423EN	30.5 to 203	2	1.5	1.12	230 / 400	4.89 / 2.81	469	53
73U009PS423EN	37.9 to 253	2	1.5	1.12	230 / 400	4.89 / 2.81	372	42

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

Chart 8 90° Painted Gearmotor

- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gearbox
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order Controller Separately, see page 64



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HS423EN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423EN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423EN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423EN	58	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M020HS423EN	87	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M015HS423EN	117	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	470	53.1
74M010HS423EN	175	1	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	442	49.9
74M007HS423EN	233	1	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	360	40.7

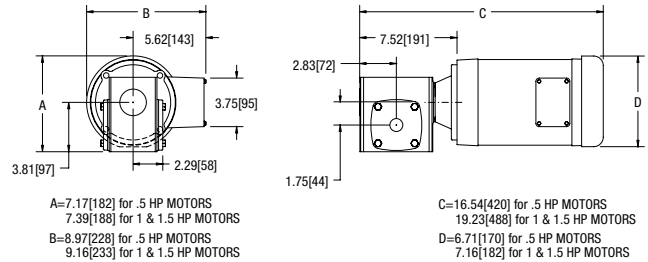
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, VARIABLE SPEED

Chart 9 90° Stainless Steel Gearmotor

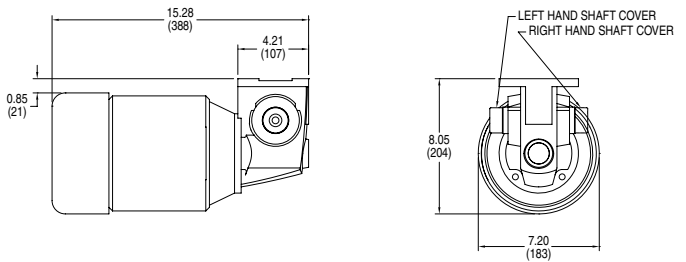
- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box and Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- Order Controller Separately, see page 64



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HZA23EN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HZA23EN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HZA23EN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HZA23EN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HZA23EN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M015HZA23EN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HZA23EN	175	1	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	442	49.9
74M007HZA23EN	233	1	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	360	40.7

Chart 10 CE 90° Gearmotor

- Variable Frequency Drive, 12 to 80 Hz
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz nominal
- Order Controller Separately, see page 64



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U060HSA23EN	5.5 to 37	1	0.5	0.37	230 / 400	1.91 / 1.1	716	81
73U030HSA23EN	11 to 74	1	1.0	0.75	230 / 400	3.65 / 2.1	902	102
73U025HSA23EN	13.2 to 88	1	1.0	0.75	230 / 400	3.65 / 2.1	831	94
73U015HSA23EN	22.3 to 149	1	1.5	1.12	230 / 400	4.89 / 2.81	787	89
73U010HSA23EN	33.6 to 224	1	1.5	1.12	230 / 400	4.89 / 2.81	566	64
73U007HSA23EN	44.6 to 298	1	2.0	1.49	230 / 400	6.17 / 3.55	593	67

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

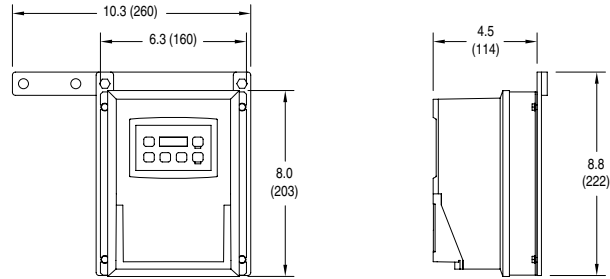
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

VARIABLE SPEED CONTROLLER

Chart A Variable Speed Controllers

- Variable Frequency Drive
- Nema 4X Plastic Enclosure
- Stainless steel mounting hardware
- Digital Display
- Keypad with Start/Stop and Speed variation
- Includes cord to motor
- Power to controller by others
- UL Approved

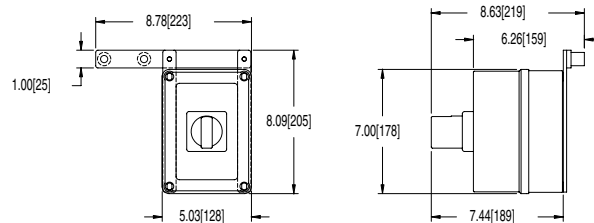


Part Number	Input			Output		Max Hp	Max Amps	A (width)	B (depth)
	Volts	Phase	Hz	Volts	Phase				
74MV1122S	115	1	60	230	3	0.5	2.2	7.9 (200)	3.8 (96)
74MV2322S	230	3	60	230	3	0.5	2.2	6.1 (155)	4.4 (112)
74MV1121S	115	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV2121S	230	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV4341S	460	3	60	460	3	1.0	2.0	6.1 (155)	4.4 (112)
74MV2127S	230	1	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV2327S	230	3	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV4347S	460	3	60	460	3	2.0	3.4	7.9 (200)	4.9 (124)

MANUAL MOTOR STARTER

Chart B Manual Motor Starter

- Nema 4X Plastic Enclosure
- Stainless Steel mounting hardware
- IP 66
- Start / Stop Switch
- Lock out tag out capable
- Includes wiring to Motor
- Power to Starter by others
- No plug/cord set included

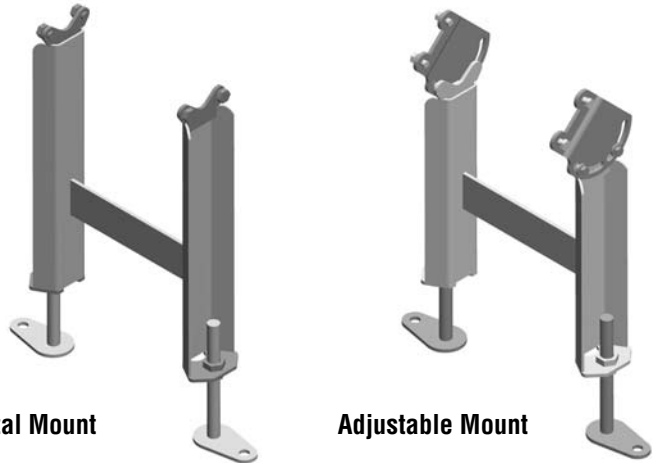


Part Number	Input			FLA
	Volts	Phase	Hz	
74MM11F	115	1	60	6.3 - 10
74MM21D	208-230	1	60	2.5 - 3.9
74MM23A	208-230	3	60	0.63 - 0.99
74MM23B	208-230	3	60	1.0 - 1.59
74MM23C	208-230	3	60	1.6 - 2.4
74MM23D	208-230	3	60	2.5 - 3.9
74MM23E	208-230	3	60	4.0 - 6.3
74MM43A	460	3	60	1.6 - 2.4
74MM43B	460	3	60	2.5 - 3.9
74MM43C	460	3	60	0.63 - 0.99
74MM43D	460	3	60	1.0 - 1.59

FLA = Full Load Amperes

Fixed Foot Support Stands

- All components are stainless steel with a 2B finish
- Vertical leg is formed sheet metal
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10* for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications



Horizontal Mount



Adjustable Mount



Outrigger

Fixed Foot Model

		4" (102)	6" (152)	8" (203)	2" (51) increments up to...	36" (914)
Conveyor Width						
WW Part # Reference		04	06	08	02 increments up to...	36
HM Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	44" (1,118)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	1620	1721	1822	01 increments up to...	7276
AM Adjustable Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	44" (1,118)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2024	2125	2226	01 increments up to...	7276
HR Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments up to...	54" (1,372)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	1620	1721	1822	01 increments up to...	7276
AR Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments up to...	54" (1,372)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2024	2125	2226	01 increments up to...	7276

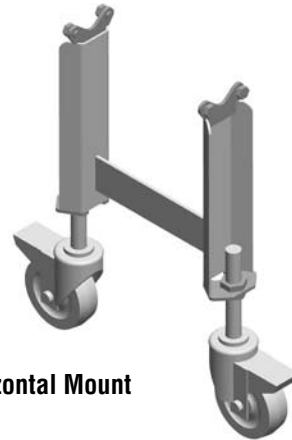
*Note: Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

For ordering information, see page 78

Swivel Locking Caster Support Stands

- All components are stainless steel with a 2B finish
- Vertical leg is formed sheet metal
- Has +/- 2" of adjustment
- Caster is swivel locking
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications



Horizontal Mount



HM

Horizontal Mount



AM

Adjustable Mount



Outrigger

Swivel Locking Caster Model						
	Conveyor Width	4" (102)	6" (152)	8" (203)	2" (51) increments up to...	36" (914)
	WW Part # Reference	04	06	08	02 increments up to...	36
HM Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	16" (406)	18" (457)	20" (508)	02 increments up to...	48" (1,219)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2125	2226	2327	01 increments up to...	7276
AM Adjustable Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	48" (1,219)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2529	2630	2731	01 increments up to...	7276
HR Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments up to...	58" (1,473)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2125	2226	2327	01 increments up to...	7276
AR Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments up to...	58" (1,473)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2529	2630	2731	01 increments up to...	7276

*Note: Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

For ordering information, see page 78

TALL SUPPORT STANDS

Fixed Foot Model					
Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Foot *	(0.263)(HH max) + (WW + 6) inches				
Top of Belt (Minimum)	71" (1,803)	72" (1,829)	73" (1,854)	in 1" (25mm) increments up to...	95" (2,413)
Top of Belt (Maximum)	75" (1,905)	76" (1,930)	77" (1,956)	in 1" (25mm) increments up to...	99" (2,515)
HHHH Part Number	7175	7276	7377	in 01 increments up to...	9599



Horizontal Mount



Adjustable Mount

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications
- Includes Diagonal Brace for stability
- Tall Support Stands require the use of floor anchors

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.



Horizontal Mount Tall Stand

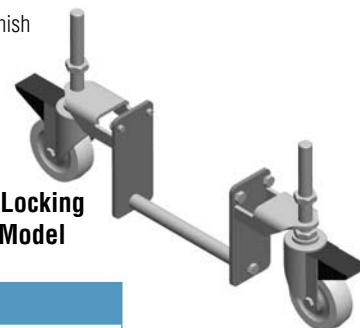
LOW HEIGHT SUPPORT STANDS

Fixed Foot Model		
Top of Belt (Minimum)	7" (178)	9" (229)
Top of Belt (Maximum)	11" (279)	13" (330)
HHHH Part # Reference	0711	0913
Stand Width at Foot *	WW + 10.5" (267mm)	

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Caster is swivel locking
- Horizontal conveyor mounts only

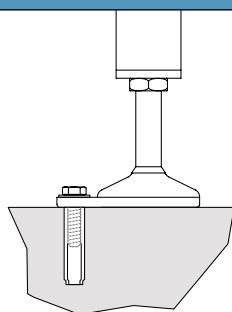
* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

Swivel Locking Caster Model



Swivel Locking Caster Model					
Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Caster *	22" (559)	24" (610)	26" (660)	in 2" (51mm) increments up to...	78" (1,981)
Top of Belt (Minimum)	12" (305)		14" (356)		16" (406)
Top of Belt (Maximum)	16" (406)		18" (457)		20" (508)
HHHH Part Number	1216		1418		1620

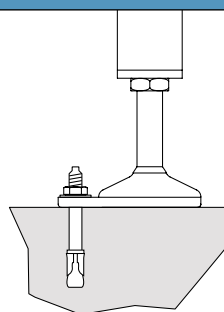
SANITARY FLOOR ANCHOR KITS



Type 1 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 1.57" (40 mm) drop in
- Stainless Steel
- Anchor is flush with floor upon removal of bolt
- Two (2) per anchor kit

Part No. FAS-1



Type 2 Sanitary Floor Anchor Kit

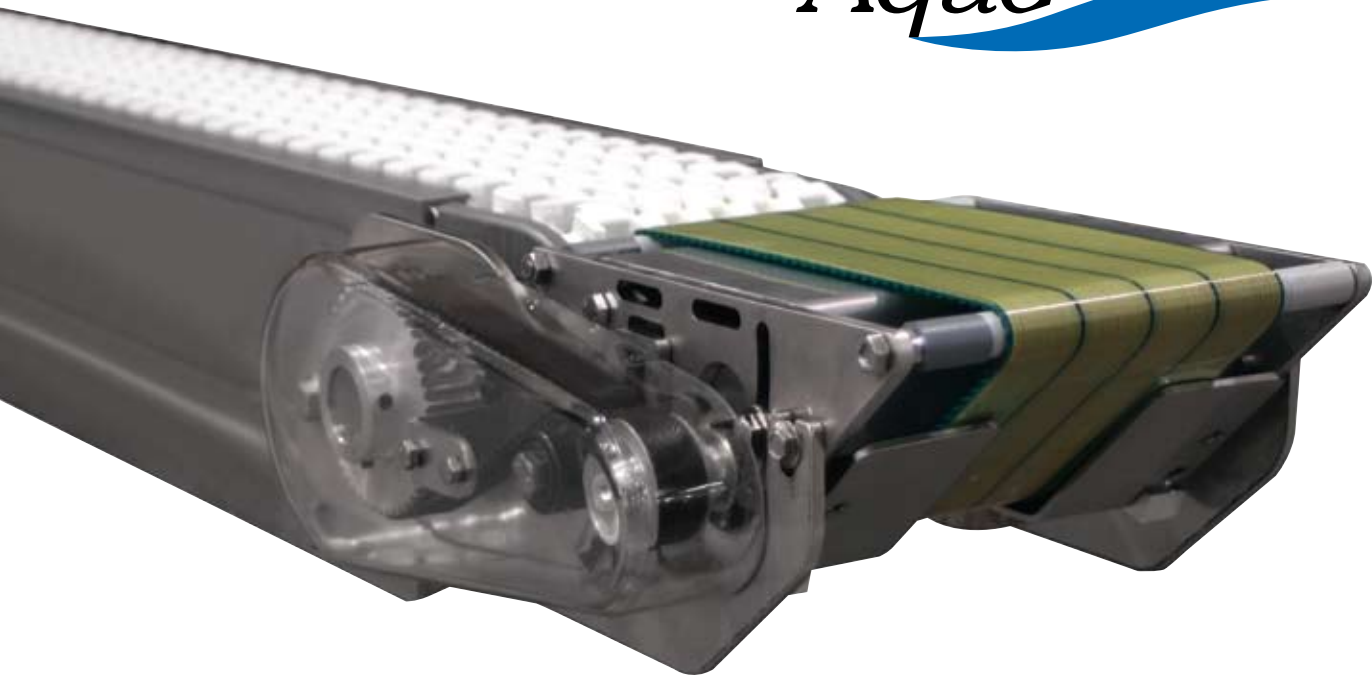
- 3/8" (10 mm) x 2 3/4" (70 mm)
- Stainless Steel
- Threaded anchor bolt protrudes above floor after installation
- Two (2) per anchor kit

Part No. FAS-2

Note: Dimensions = in (mm)

For ordering information, see page 78

AquaGard™



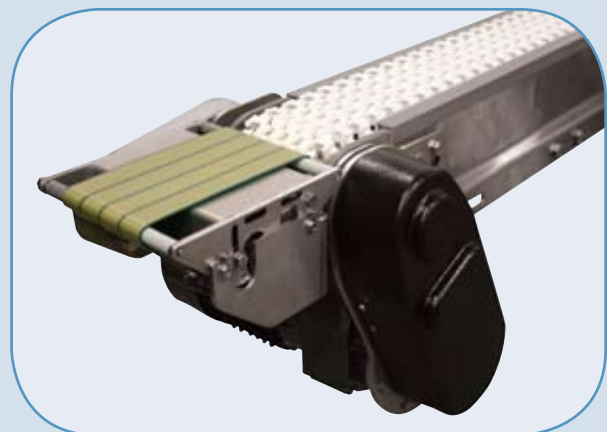
Interfacing with Large Pulleys for Small Part Transfers

Smoothly Transfer Parts Smaller than 2"

Maintain Product Speed Through Transfer

Compact, Space Saving Design with Minimal Length Added

Finally, a belted transfer in a compact space saving design. The powered transfer incorporates precision timing belts for consistent tracking and speed; plus maintenance free operation. Timing belts smoothly travel over 1/2" nose bars for ease of product transfer. The innovative transfer module can be added to the 7350 Series conveyors or ordered as an individual conveyor.



Features & Benefits

- 1/2" diameter nose rollers for small part transfer
- Adjustable height and distance to main roller for fine tuning the product transfer
- High speed positive drive conveyor belts to ensure consistent speed
- Maintains product speed through transfer for gapping and pacing
- Located at drive and/or idler end of main conveyor
- Compatible with both curve and straight conveyors
- Compatible with all end drive tails and drive mount packages
- Made of corrosion resistant materials for wipe down or occasional wash down
- Slave driven from main roller for minimal install requirements



Conveyor Specifications:

Conveyor Width: 4" wide to 36" wide in 2" increments

Conveyor Length: Adds less than 8" to conveyor length

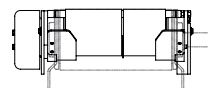
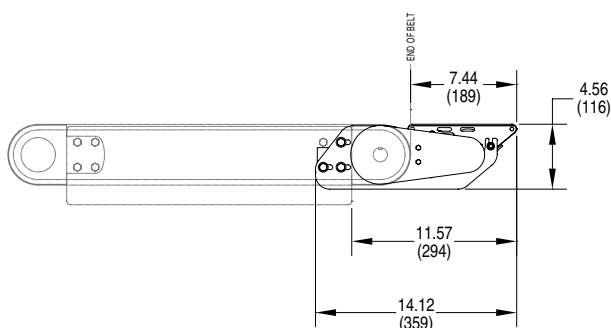
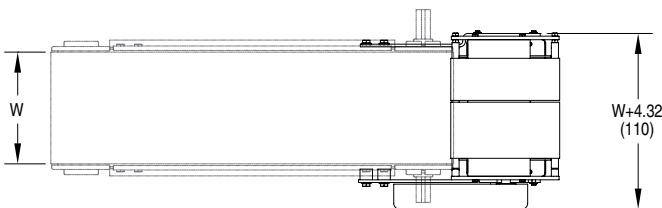
Conveyor Speed: Up to 175 ft/min

Slave Drive Speed Options:

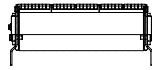
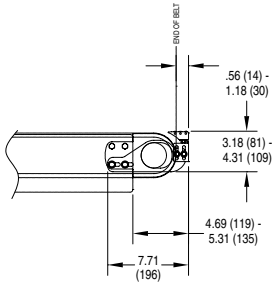
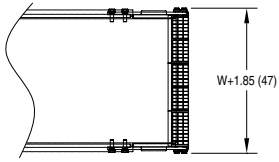
- Same Speed
- Speed Up by 1.6 : 1
- Speed Down by 1.25 : 1

General Specifications

- FDA approved 1/2" diameter self lubricated nose bar bushings
- Positive drive FDA approved urethane belting
- 300 series stainless steel / anodized aluminum construction
- Plated corrosion resistant bearings
- Used on infeed and exit tail
 - For infeed tail : Needs conveyor to be ordered with output shaft tail
 - For exit tail : Needs conveyor to be ordered with dual output shaft tail
- Can be purchased as a conveyor only
 - Does not include mounting brackets or slave drive
 - Includes output shaft only

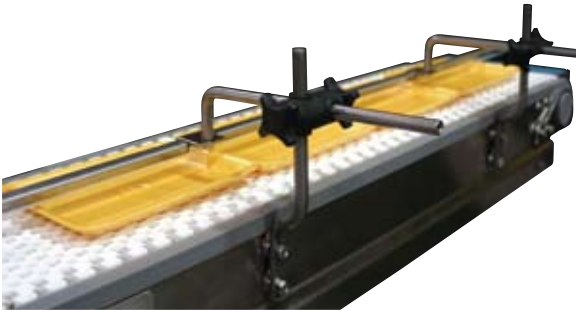


ROLLER TRANSFER PLATE



- 4" wide to 36" wide
- Includes 0.43" diameter rollers mounted in transfer plate
- Adjustable mounting to fine tune small parts transfer
- Used on curves and straights, infeed and exit tail
- All brackets and fasteners are stainless steel

OVERHEAD GUIDE



- For part hold down or cover closing
- Adjustable height and position across width
- Round nose UHMW guide with stainless steel backing
- Lengths: 3' to 10' in 1" increments
- Horizontal Brackets provided for every 2' of length
- Available in standard adjustable and tool-less adjustable mount styles
- All brackets and fasteners are stainless steel
- Does not include vertical mounting post. To be used with profiles 13 thru 18 or upper guide assembly.

UPPER GUIDE



- Used for guiding lids and/or tall parts
- Round nose UHMW guide with stainless steel backing
- Equipped with or without tall adjustable height bracket
- Length: 3' to 10' in 1' increments
- (2) width adjusting options (standard 5" post, 10" post)
- Brackets provided for every 2' of length
- Available in standard adjustable and tool-less adjustable mount styles
- All brackets and fasteners are stainless steel

ACCESSORY MOUNTING BAR



- Used for mounting adjustable devices such as photoeyes and sensors
- Can be mounted directly to frame or in combination with guide brackets
- 2 Versions:
 - 3' bar used to mount to 24" hole pattern in frames
 - 1' L shape used to mount at tail ends
- Compatible with Value Guide blocks (VG-021-02)
- All brackets and fasteners are stainless steel

Note: Dimensions = in (mm)

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

For ordering information, see page 79

PHOTO EYE AND REFLECTOR MOUNTING BRACKETS



- Mounts standard 18 mm diameter photoeyes or sensors
- Adjustable height and angle
- (3) Photo Eye types:
 - Thru beam includes (2) mounts
 - Reflector includes (1) Photo eye mount and (1) reflector mount (reflector included)
 - Convergent includes (1) photoeye mount
- (3) Mount versions:
 - To fixed post (does not include mounting post)
 - To fixed post (includes mounting post)
 - To accessory mounting bar (includes Value Guide Block and adjustable post)
- All brackets and fasteners are stainless steel

ELECTRICAL / AIR ROUTING CLIP



- Light weight mounting clip for wire clips, conduit clicks, wire tie mounts, etc.
- Mounts directly to M8 guide bolts and/or lower frame lip
- May be mounted to inside of frame or outside of frame
- Offset to clear mounting screws
- Package of 10 pieces
- All brackets and fasteners are stainless steel

Part Number	Description
735RC-10	Electrical / Air Routing Clip (package of 10 pieces)

M8 ACCESSORY MOUNTING BOLT



- Stainless steel mounting hardware
- M8-1.25 Male mounting stud
- Used with Dorner key-slot system
- Eliminates the need to access the inside of the frame
- Package of 10 pieces

Part Number	Description
735M8-10	M8 Accessory Mounting Bolt (package of 10 pieces)

Note: Dimensions = in (mm)

For ordering information, see page 79

7350 SERIES: MODULAR FLAT BELT CONVEYOR

7 3 5 M W W L L L D I A B C P P P P B B

Belt Material: MN, MP, etc.

Profile (D Side):

- 01 = Lowside
- 02 = Integral High Side
- 04 = 3" High Side
- 05 = 1" High Side
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round

- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side
- 52 = High Side - .41 Diameter Holes D Side

Profile (A Side):

- 01 = Lowside
- 02 = Integral High Side
- 04 = 3" High Side
- 05 = 1" High Side
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round

- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes A Side
- 52 = High Side - .41 Diameter Holes A Side

Idler End Stand Location:

- A = no stand mounting holes
- B = 12" from idler end
- C = 18" from idler end
- D = 24" from idler end
- E = 30" from idler end
- G = 12" from idler end with braces
- H = 18" from idler end with braces
- J = 24" from idler end with braces
- K = 30" from idler end with braces

Drive End Stand Location:

- A = no stand mounting holes
- B = 12" from drive end
- C = 18" from drive end
- D = 24" from drive end
- G = 12" from drive end with braces
- H = 18" from drive end with braces
- J = 24" from drive end with braces

Motor Shaft Position: A or D

Idler End:

- 1 = Standard
- 2 = Nose Bar

Drive / Pulley Type:

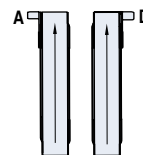
- 1 = Standard Bottom Drive
- 2 = Standard Side Drive
- 3 = Bottom Drive Double Output
- 4 = Side Drive Tail w/ Dual Output Shaft
- 5 = Nose Bar
- 6 = Nose Bar Customer Supplied Drive

Length: 036-999

Belt Width: 04-36

Language: M = English

Drive Shaft Position



Example: 735M1232441DHH0214TC

Description: AquaGard 7350 Series straight flat belt stainless steel conveyor with auxiliary shaft side drive tail in position D and standard infeed tail, 12" (305mm) nominal width x 27' (8230mm) long with integral high side profile on the A side, tool-less fully adjustable round profile on the D side and type TC white flat (closed) top polypropylene plastic chain with friction inserts every four links. The conveyor is configured to have Dorner stainless steel support stands with diagonal braces 18" (457mm) from infeed end and 18" (457mm) from discharge end. Note: Usable chain width is 11.84" (301mm).

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7350 SERIES: MODULAR CLEATED BELT CONVEYOR

7 3 5 M W W L L L D I A B C P P B B S S

Cleat Spacing: 01-99 = Link Spacing
Belt Material: MN, MP, etc.
Profile:
 01 = Lowside
 02 = 1" High Side
 03 = 3" High Side
 50 = Low Side - Key Slot Holes Both Sides
 51 = Low Side - .41 Diameter Holes Both Side

Idler End Stand Location:
 A = no stand mounting holes G = 12" from idler end with braces
 B = 12" from idler end H = 18" from idler end with braces
 C = 18" from idler end J = 24" from idler end with braces
 D = 24" from idler end K = 30" from idler end with braces
 E = 30" from idler end

Drive End Stand Location:
 A = no stand mounting holes G = 12" from drive end with braces
 B = 12" from drive end H = 18" from drive end with braces
 C = 18" from drive end J = 24" from drive end with braces
 D = 24" from drive end

Motor Shaft Position: A or D

Idler End:
 1 = Standard

Drive / Pulley Type:
 1 = Standard Bottom Drive
 2 = Standard Side Drive
 3 = Bottom Drive Tail w/ Dual Output Shaft
 4 = Side Drive Tail w/ Dual Output Shaft

Length: 036-999
Belt Width: 08-24
Language: M = English

Drive Shaft Position

Example: 735M1811831AGH50NK06
Description: AquaGard 7350 Series straight cleated stainless steel conveyor with auxiliary shaft bottom drive tail in position A, 18" (457mm) nominal width x 9'-10" (2997mm) long with low side with keyslot holes profile. Plastic chain is type NK white flat (closed) top polypropylene with 1" (25mm) tall cleats on 6" (152mm) centers. Note: Usable chain width is 15.13" (384mm). Depending upon belt width, each individual cleat may consist of multiple pieces. The conveyor is configured to have Dorner stainless steel support stands with diagonal braces 18" (457mm) from infeed end and 12" (305mm) from discharge end.

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

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7350 SERIES: STRAIGHT INFEED / IDLER – SECTION 1

7 3 5 1 M W W L L L D A P P P P B B 1

Sequence Number: 1

Belt Material: MN, MP, etc.

Profile (D Side):

- 01 = Lowside
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side

Profile (A Side):

- 01 = Lowside
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side

Infeed Stand Location:

- A = no stand mounting holes
- B = 12" from drive end
- C = 18" from drive end
- D = 24" from drive end
- E = 30" from drive end
- F = 36" from drive end
- G = 12" from drive end with braces
- H = 18" from drive end with braces
- J = 24" from drive end with braces
- K = 30" from drive end with braces
- M = 36" from drive end with braces

Pulley Type:

- 1 = Standard Idler Pulley

Length: 036-999

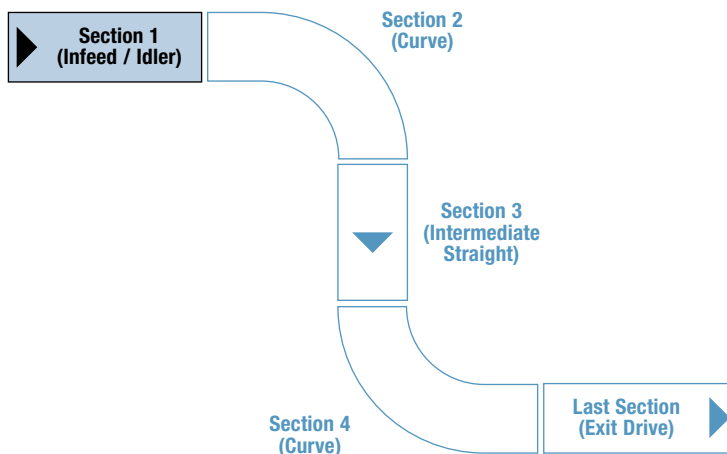
Belt Width: 04-36

Language: M = English

Example: 7351M120361B5001MT1

Description: AquaGard 7350 Series infeed module for a stainless steel curve conveyor with standard infeed tail, 12" (305mm) nominal width x 3' (914mm) long with low side with keyslot holes profile on the A side, low side profile on the D side and type MT plastic chain. The conveyor is configured to have Dorner stainless steel support stands 12" (305mm) from infeed end. Note: Usable chain width is 11.84" (301mm).

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.



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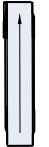

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7350 SERIES: CURVE – SECTION 2

7 3 5 2 M W W D D D P P P B B R 2

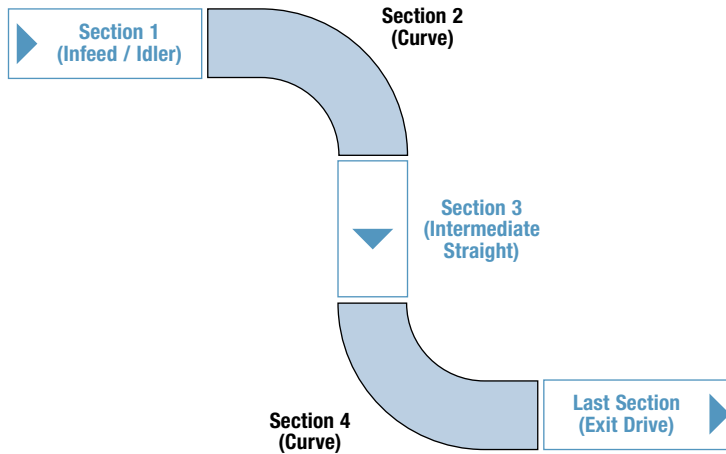
- Sequence Number: 2, 4
- Hand: R = Right, L = Left
- Belt Material: MN, MP, etc.
- Profile Curve - D Side (Inside - R, Outside - L):
 - 01 = Lowside
 - 13 = Fully Adjustable Round
 - 14 = Tool-less Fully Adjustable Round
 - 15 = Twin Rail Adjustable Round
 - 16 = Tool-less Twin Rail Adjustable Round
 - 17 = Fully Adjustable 1" Flat
 - 18 = Tool-less Fully Adjustable 1" Flat
 - 50 = Low Side - Key Slot Holes D Side
 - 51 = Low Side - .41 Diameter Holes D Side
- Profile Curve - A Side (Inside - L, Outside - R):
 - 01 = Lowside
 - 13 = Fully Adjustable Round
 - 14 = Tool-less Fully Adjustable Round
 - 15 = Twin Rail Adjustable Round
 - 16 = Tool-less Twin Rail Adjustable Round
 - 17 = Fully Adjustable 1" Flat
 - 18 = Tool-less Fully Adjustable 1" Flat
 - 50 = Low Side - Key Slot Holes D Side
 - 51 = Low Side - .41 Diameter Holes D Side
- Degree of Turn: 045, 090, 135, 180
- Belt Width: 04-36
- Language: M = English

Position

A Side	D Side
	

Example: 7352M120905001MTL2

Description: AquaGard 7350 Series curve module for a stainless steel conveyor, 12" (305mm) nominal width x 90 degree angle at a 23.2" (589mm) radius to the center line of the belt and low side with keyslot holes profile on the A side, low side profile on the D side with type MT (open mesh) acetal plastic chain. Note: Usable chain width is 11.84" (301mm).



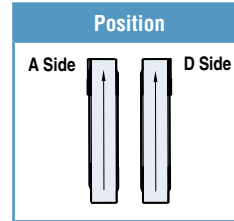
These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

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7350 SERIES: STRAIGHT INTERMEDIATE – SECTION 3

7 3 5 3 M WW LLL PP PP BB 3

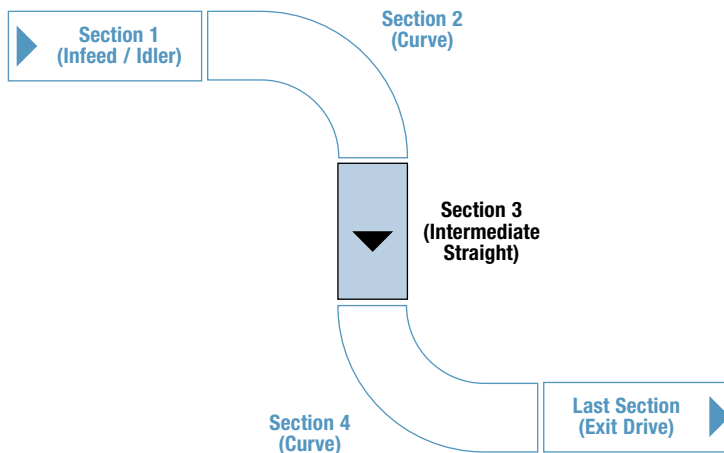
- Sequence Number: 3
- Belt Material: MN, MP, etc.
- Profile (D Side):
 - 01 = Lowside
 - 13 = Fully Adjustable Round
 - 14 = Tool-less Fully Adjustable Round
 - 15 = Twin Rail Adjustable Round
 - 16 = Tool-less Twin Rail Adjustable Round
 - 17 = Fully Adjustable 1" Flat
 - 18 = Tool-less Fully Adjustable 1" Flat
 - 50 = Low Side - Key Slot Holes D Side
 - 51 = Low Side - .41 Diameter Holes D Side
- Profile (A Side):
 - 01 = Lowside
 - 13 = Fully Adjustable Round
 - 14 = Tool-less Fully Adjustable Round
 - 15 = Twin Rail Adjustable Round
 - 16 = Tool-less Twin Rail Adjustable Round
 - 17 = Fully Adjustable 1" Flat
 - 18 = Tool-less Fully Adjustable 1" Flat
 - 50 = Low Side - Key Slot Holes D Side
 - 51 = Low Side - .41 Diameter Holes D Side
- Length: 036-999
- Belt Width: 04-36
- Language: M = English



Example: 7353M120365001MT3

Description: AquaGard 7350 Series mid module for a stainless steel curve conveyor, 12" (305mm) nominal width x 3' (914mm) long with low side with keyslot holes profile on the A side, low side profile on the D side and type MT plastic chain. Note: Usable chain width is 11.84" (301mm).

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.



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7350 SERIES: STRAIGHT EXIT / DRIVE – LAST SECTION

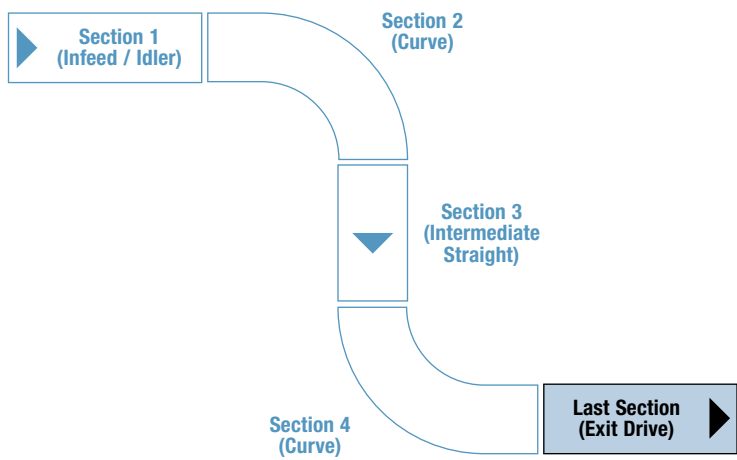
7 3 5 4 M W W L L L D A S S P P P B B 4

Sequence Number: 3, 5
Belt Material: MN, MP, etc.
Profile (D Side):
 01 = Lowside
 13 = Fully Adjustable Round
 14 = Tool-less Fully Adjustable Round
 15 = Twin Rail Adjustable Round
 16 = Tool-less Twin Rail Adjustable Round
 17 = Fully Adjustable 1" Flat
 18 = Tool-less Fully Adjustable 1" Flat
 50 = Low Side - Key Slot Holes D Side
 51 = Low Side - .41 Diameter Holes D Side
Profile (A Side):
 01 = Lowside
 13 = Fully Adjustable Round
 14 = Tool-less Fully Adjustable Round
 15 = Twin Rail Adjustable Round
 16 = Tool-less Twin Rail Adjustable Round
 17 = Fully Adjustable 1" Flat
 18 = Tool-less Fully Adjustable 1" Flat
 50 = Low Side - Key Slot Holes D Side
 51 = Low Side - .41 Diameter Holes D Side
Discharge Stand Location:
 A = no stand mounting holes
 B = 12" from drive end
 C = 18" from drive end
 D = 24" from drive end
 G = 12" from drive end with braces
 H = 18" from drive end with braces
 J = 24" from drive end with braces
Drive Position: A or D
Pulley Type:
 1 = Standard Idler Pulley
 2 = Standard Side Drive
 3 = Bottom Drive Tail w/ Dual Output Shaft
 4 = Side Drive Tail w/ Dual Output Shaft
Length: 036-999
Belt Width: 04-36
Language: M = English, U = CE English

Drive Shaft Position

Example: 7354M120483AB5001MT5
Description: AquaGard 7350 Series discharge module for a stainless steel curve conveyor with auxiliary shaft bottom drive tail in position A, 12" (305mm) nominal width x 4' (1219mm) long with low side with keyslot holes profile on the A side, low side profile on the D side and type MT plastic chain. The conveyor is configured to have Dorner stainless steel support stands 12" (305mm) from discharge end. Note: Usable chain width is 11.84" (301mm).

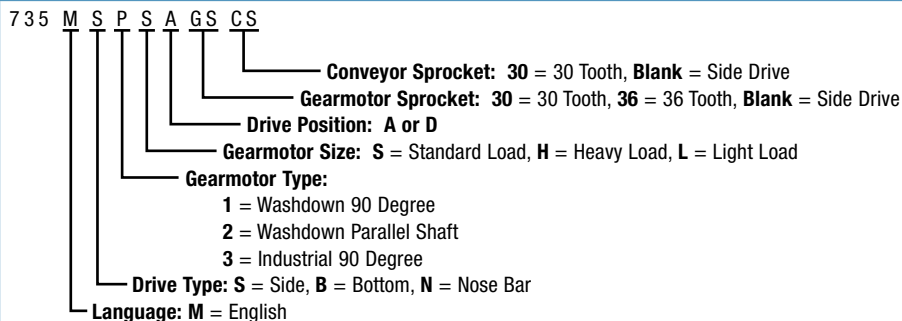
Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.



These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes. For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

AquaGard™ 7350 SERIES: PART NUMBER REFERENCE

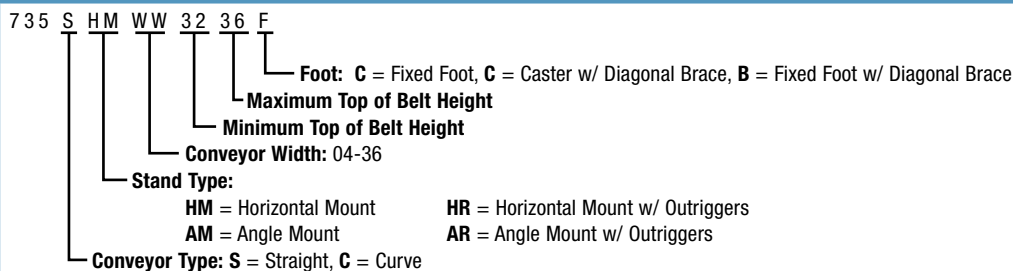
7350 SERIES: GEARMOTOR MOUNT PACKAGES



Example: 735MS1SD

Description: AquaGard 7350 Series side mounting package for a 90 degree FDA painted gearmotor mounted in the D position.

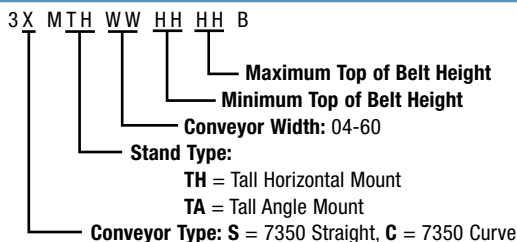
7350 SERIES: SUPPORT STANDS



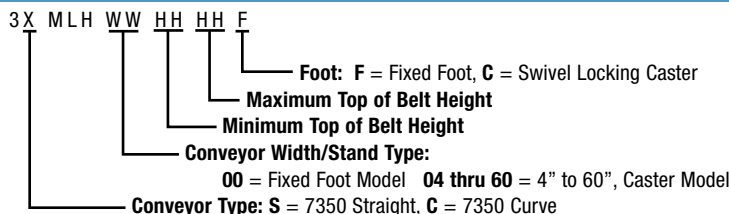
Example: 735SAR123438C

Description: AquaGard 7350 Series 0 to 60 degree angle direct mounting outrigger stainless steel support stand for a 12" (305mm) wide 7350 series conveyor, adjustable height from 34" to 38" (864mm - 965mm) top of belt with total locking casters. This stand consists of stainless welded open channel construction and requires one 39MB-220 diagonal brace. Required stand height is 36.5" (926mm) and is stand number 1 from infeed end. Uncrated weight = 21 lbs. (9.5 kg).

7350 SERIES: TALL SUPPORT STANDS



7350 SERIES: LOW HEIGHT SUPPORT STANDS



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7350 SERIES: ROLLER TRANSFER PLATE

735ST C - WW
 ———— **Conveyor Width:** 04-36
 ———— **Conveyor Type:** S = 7350 Straight, C = 7350 Curve

7350 SERIES: OVERHEAD GUIDE

735HG A - LL
 ———— **Guide Length:** 03-10
 ———— **Guide Type:** A = Adjustable, T = Tool-less

7350 SERIES: UPPER GUIDE

735UG A W P - LL
 ———— **Guide Length:** 03-10
 ———— **Post:** V = Vertical post, N = No vertical post
 ———— **Guide Width:** 1 = 5", 2 = 10"
 ———— **Guide Type:** A = Adjustable, T = Tool-less

7350 SERIES: ACCESSORY MOUNTING BAR

735AM - LL
 ———— **Tail Version:** 01 = 1" tail, 03 = 3" tail

7350 SERIES: PHOTO EYE AND REFLECTOR MOUNTING BRACKETS

735 PM - FP
 ———— **Post Type:**
 NP = Fixed Post w/o post included
 FP = Fixed Post w/ post included
 AM = Accessory Mount
 ———— **Mount Type:**
 PM = Photoeye Mount
 RM = Reflective Mount
 CM = Convergent Mount

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

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AQUAGARD SERIES

7360 SANITARY CONVEYORS
STAINLESS STEEL

*Aqua***Gard**[™]



General Specifications:

- Flat and Cleated Belt
- Z-Frame Flat and Cleated Belt
- Belt widths: 4" (102 mm) to 52" (1,321 mm)
- Lengths: 36" (914 mm) to 40' (12,192 mm)
- Load Capacity: up to 500 lbs (227 kg)
- **CE** models available

Applications:

- Part Transfers
- Mainline Packaging
- High Speed Long Runs
- Automated and Manual Assembly
- Part Incline / Decline Routing (Z-Frame)



**V-Guided
Belt Tracking**



**1" Nose Bar
Tail**



**No Drilling with
Innovative Key Hole
& Mounting Rod**



STANDARD FEATURE OVERVIEW 82

FLAT BELT 84

CLEATED BELT 86

Z-FRAME FLAT BELT 88

Z-FRAME CLEATED BELT 90

PROFILES 92

BELTING 93

GEARMOTOR MOUNTING PACKAGES 97

GEARMOTORS 101

SUPPORT STANDS 107

ACCESSORIES 110

PART NUMBER REFERENCE 112

AquaGard™ 7360 Series Conveyors



Improve your bottom line results with industry leading speeds, best in class product transfers, and ease of automation.

Dorner's AquaGard is ready for your next product Move!



Tailor Fit Accessories for Your Needs

Ease of Automation & Guiding



No Drilling with Innovative Key Hole & Mounting Rod



Low Voltage Wiring Accessories



Accessory Bar for Mounting Multiple Accessories



Fully Adjustable Single Rail



Fully Adjustable Twin Rail



High Side Guide

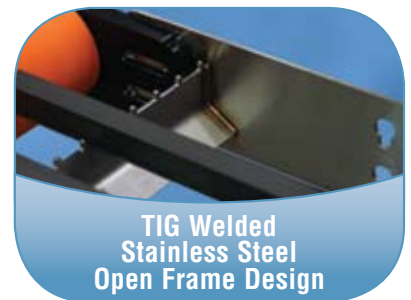
Maximum Flexibility

- Straights & Z-Frame Modules
- 3 Product Transfers to Choose From
- No Drilling Required for Ease of Automation or Guiding
 - Attach controls, photo eyes, low voltage wire, & air tubing
 - Attach accessory bar for mounting several automation components
 - Attach any of standard guide packages to tailor fit conveyor



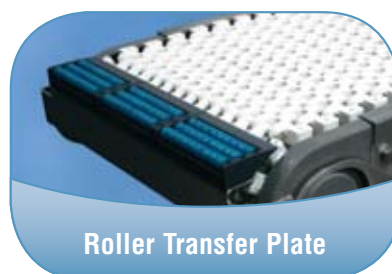
Increase Throughput

- Speeds up to 300 feet per minute
- V-Guided Belt Tracking
- 1" Nose Bar Tails
- Powered Transfer



Reduce Product Loss

- 1" Nose Bar Tails for small part transfer
- Powered Transfer for maintaining speeds through transfer
- Roller transfer plate for smooth product transfer in minimal added length





Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 4" (102 mm) to 52" (1,321 mm)
- Total lengths: 3' (914 mm) up to 40' (12,192 mm)
- Wearstrip material is hard coat anodized aluminum
- One revolution of the drive pulley moves the belt approximately 11"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- **CE** models available



OPTIONAL:
Adjustable Scraper

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- The center drive (optional) allows additional clearance on ends when needed
- Nose bar idler tail (optional) has 1" diameter pulley for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



V-Guided Belt
Tracking



Tip-Up Tail

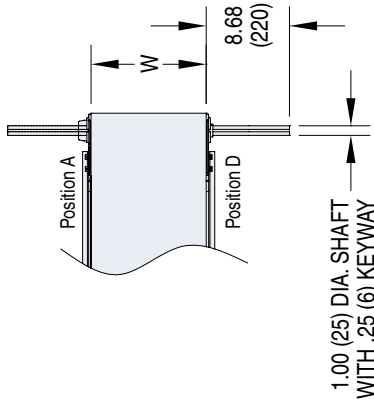


1" Nose Bar Tail

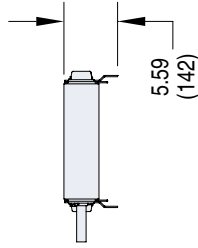
Order gearmotor mounting packages and gearmotors separately; see pages 97-105. For support stands and accessories, see pages 107-111.

For ordering information, see page 112

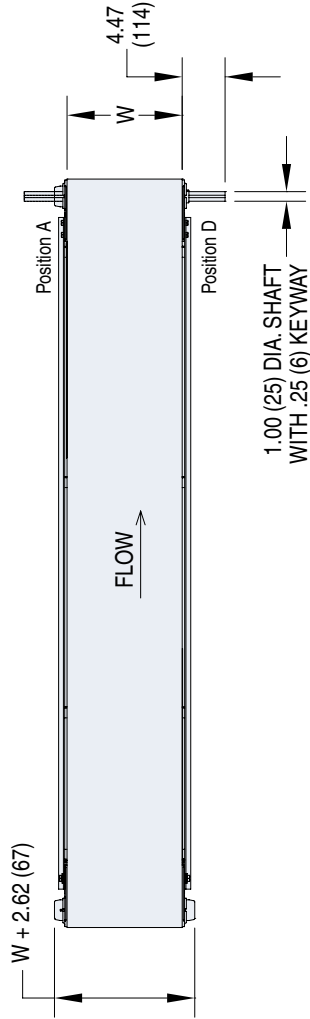
OPTIONAL LONG SHAFT FOR SIDE DRIVE



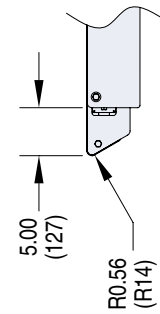
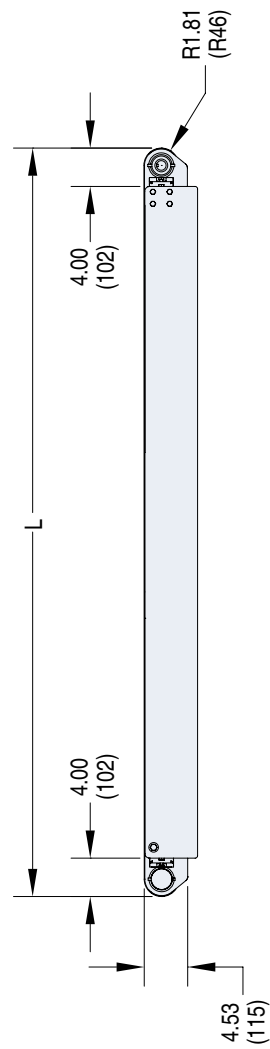
1.00 (25) DIA. SHAFT WITH .25 (6) KEYWAY



W = Conveyor Belt Width Dim = in (mm)

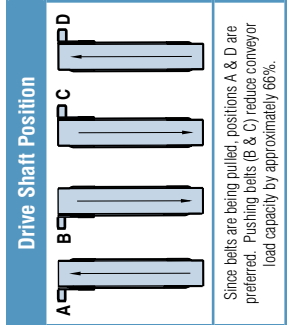


1.00 (25) DIA. SHAFT WITH .25 (6) KEYWAY



OPTIONAL NOSE BARTAIL

OPTIONAL: CENTER DRIVE MODULE



Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

STANDARD SIZES	
Conveyor Width Reference	04
Conveyor Belt Width (W)	4" (102mm)
Conveyor Length Reference	036
Conveyor Length (L)	36" (914mm)
	02 increments up to...
	2" (51mm) increments up to...
	001 increments up to...
	1" (25mm) increments up to...
	52
	52" (1,321mm)
	480
	480" (12,192mm)

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.



Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths: 3' (914 mm) up to 40' (12,192 mm)
- Cleats available in 1" and 3" heights
- Wearstrip material is hard coat anodized aluminum
- One revolution of the drive pulley moves the belt approximately 11"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available



* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



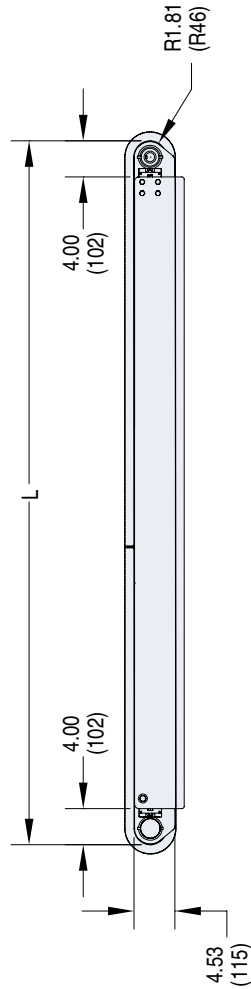
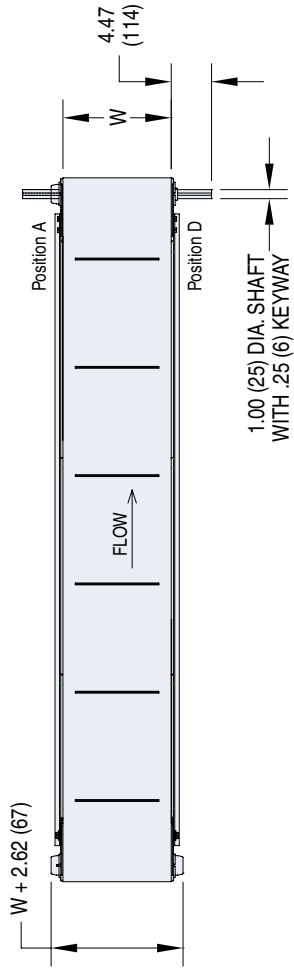
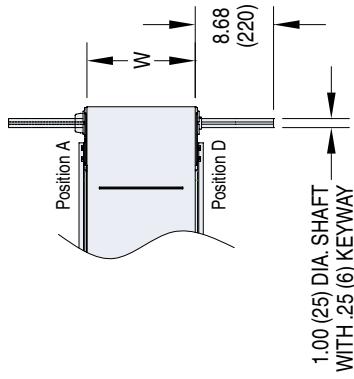
Order gearmotor mounting packages and gearmotors separately; see pages 97-105. For support stands and accessories, see pages 107-111.

For ordering information, see page 113

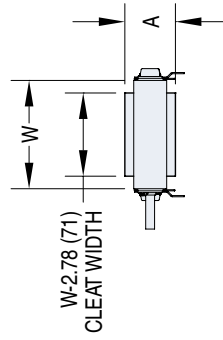


AQUAGARD™ 7360 CLEATED BELT

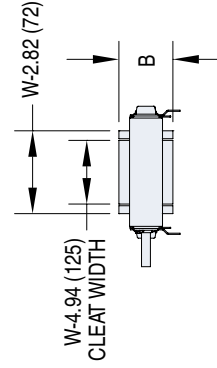
OPTIONAL LONG SHAFT FOR SIDE DRIVE



W = Conveyor Belt Width **Dim** = in (mm)



- A= 5.60 (142) for A or J cleats
- 6.17 (157) for B, K, P or S cleats
- 6.96 (177) for C, L, Q or T cleats
- 5.03 (128) for G or M cleats
- 5.39 (137) for N or R cleats



SIDEWALL CLEATED BELT

- B= 5.78 (147) for W or Y cleats
- 6.57 (167) for X or Z cleats

Drive Shaft Position	
A	P
B	C
	D

Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

STANDARD SIZES		
Conveyor Width Reference	06	02 increments up to...
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to...
Conveyor Length Reference	036	001 increments up to...
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to...

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
 Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 4" (102 mm) to 24" (610 mm)
- Total lengths up to 40' (12,192 mm)
- 5° to 30° fixed angle modules in 5° increments
- Wearstrip material is hard coat anodized aluminum
- One revolution of the drive pulley moves the belt approximately 11"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.



OPTIONAL:
Adjustable Scraper

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- The center drive (optional) allows additional clearance on ends when needed
- Nose bar idler tail (optional) has 1" diameter pulley for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



V-Guided Belt
Tracking



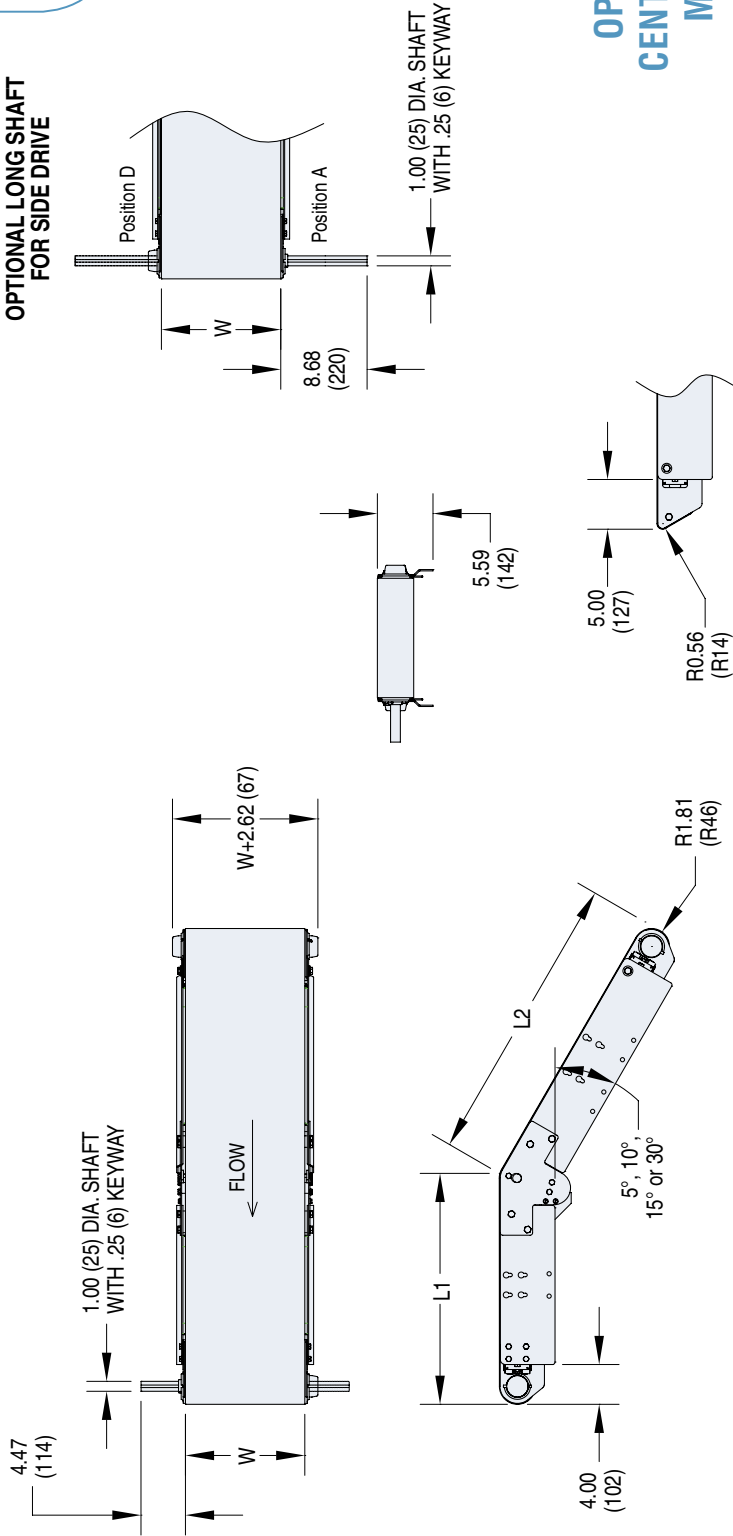
Tip-Up Tail



1" Nose Bar
Tail

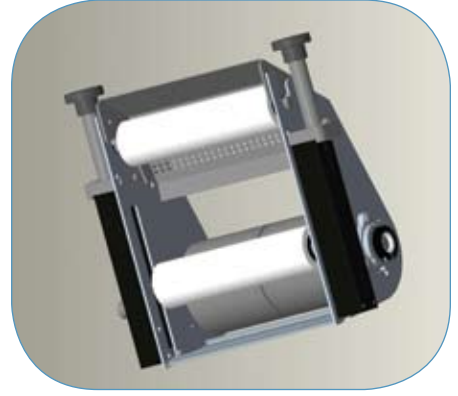
Order gearmotor mounting packages and gearmotors separately; see pages 97-105. For support stands and accessories, see pages 107-111.

For ordering information, see page 114



OPTIONAL LONG SHAFT FOR SIDE DRIVE

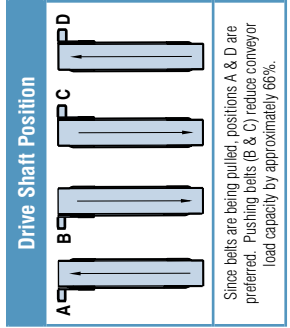
**OPTIONAL:
CENTER DRIVE
MODULE**



OPTIONAL NOSE BARTAIL

W = Conveyor Belt Width **Dim** = in (mm)

STANDARD SIZES			
Conveyor Width Reference	04	02 increments up to...	24
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments up to...	24" (610mm)
Conveyor Length Reference	024	001 increments up to...	480
Conveyor Length (L ₁ , L ₂)	24" (610mm)	1" (25mm) increments up to...	480" (12,192mm)



For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7360 SERIES: Z-FRAME CLEATED BELT

Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 40' (12,192 mm)
- 30° to 60° fixed angle modules available in 5° increments
- Wearstrip material is hard coat anodized aluminum
- One revolution of the drive pulley moves the belt approximately 11"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- **CE** models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.



Sidewall Cleated Belts for Small Parts

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



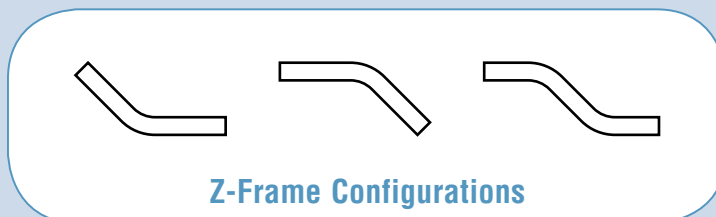
OPTIONAL: V-Guided Belt Tracking



High Side Guides



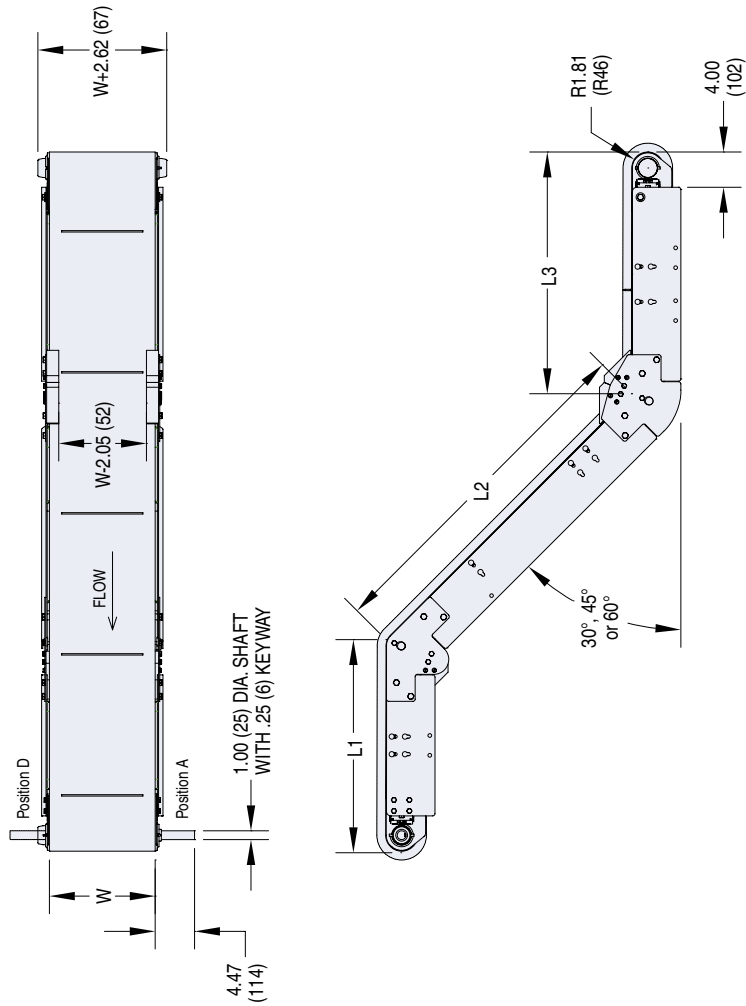
OPTIONAL: Tip-Up Tail



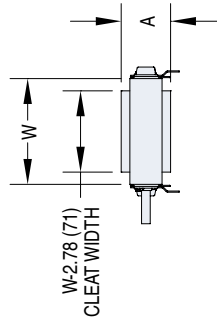
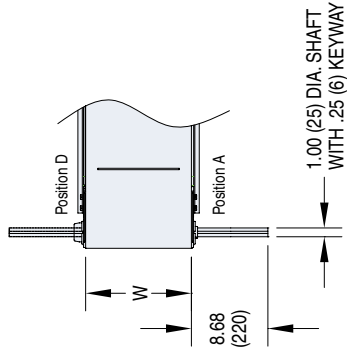
Z-Frame Configurations

Order gearmotor mounting packages and gearmotors separately; see pages 97-105. For support stands and accessories, see pages 107-111.

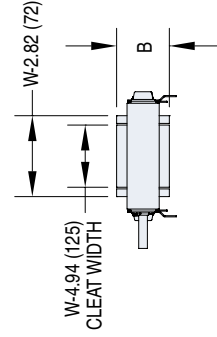
For ordering information, see page 115



OPTIONAL LONG SHAFT FOR SIDE DRIVE



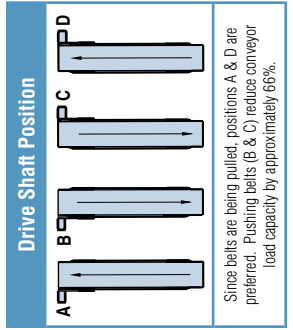
A= 5.60 (142) for A or J cleats
6.17 (157) for B, K, P or S cleats
6.96 (177) for C, L, Q or T cleats
5.03 (128) for G or M cleats
5.39 (137) for N or R cleats



SIDEWALL CLEATED BELT
B= 5.78 (147) for W or Y cleats
6.57 (167) for X or Z cleats

W = Conveyor Belt Width Dim = in (mm)

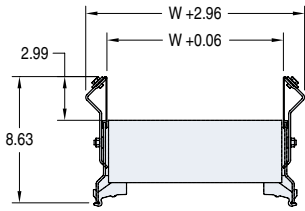
STANDARD SIZES			
Conveyor Width Reference	06	02 increments up to...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to...	24" (610mm)
Conveyor Length Reference	024	001 increments up to...	480
Conveyor Length (L ₁ , L ₂ , L ₃)	24" (610mm)	1" (25mm) increments up to...	480" (12,192mm)



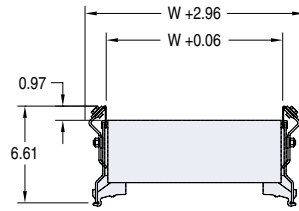
Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

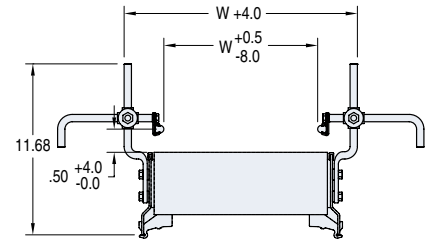
FLAT PROFILES



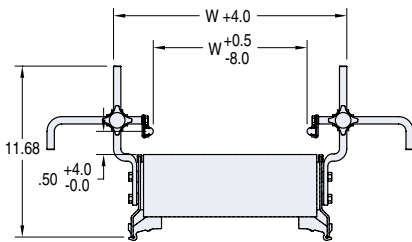
04
3" Bolt-On High Side



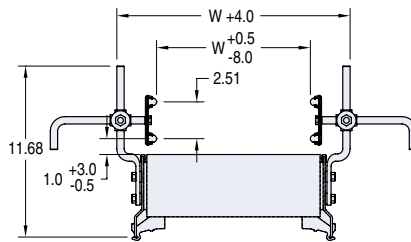
05
1" Bolt-On High Side



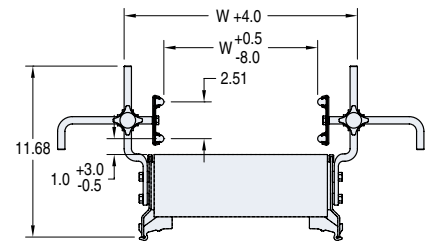
13
Fully Adjustable Round



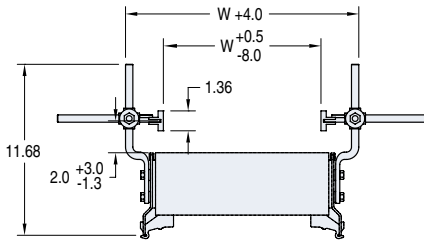
14
Fully Adjustable Round
w/ Tool-less Handles



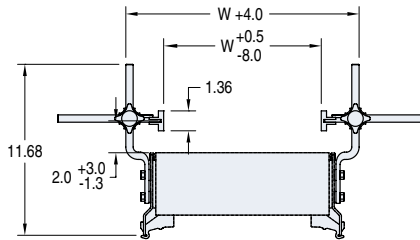
15
Fully Adjustable Twin Rail



16
Fully Adjustable Twin Rail
w/ Tool-less Handles

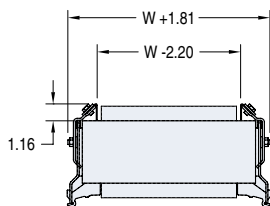


17
Fully Adjustable Flat

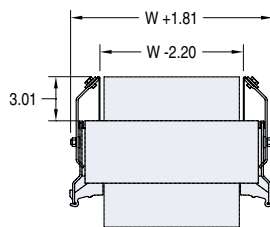


18
Fully Adjustable Flat
w/ Tool-less Handles

CLEATED PROFILES



02
1" Bolt-On High Side



03
3" Bolt-On High Side

W = Conveyor Belt Width **Dim** = in (mm)

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

Wet applications are limited to specialty belt types 54, 55, 69 and 70 only!



Standard Belt Selection Guide

Standard belt material is stocked at Dorner, then cut & spliced at the factory for fast conveyor shipment.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper**	Belt Specifications	Thickness	Surface Material	Carcass Material	Maximum Part Temp.	Coefficient of Friction	FDA Approved	Anti-Static	Static Conductive	Chemical Resistant	Special Characteristics or Applications
01	A1	1A	FDA Accumulation	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	Low	x	x		Good	Packaging, clean room & inspection
02	A2	2A	General Purpose	0.071" (1.8)	Urethane	Polyester	212°F (100°C)	Med	x	x		Good	Most versatile belt offering
03	A3	3A	FDA High Friction	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	High	x	x		Good	Packaging, clean room & inspection
05	A5	5A	Accumulation	0.047" (1.2)	Urethane	Polyester	212°F (100°C)	V-Low	x	x		Good	Accumulation of products
06	A6	6A	Electrically Conductive	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	Low		x	x	Good	Electronics Handling
08	A8	8A	High Friction	0.083" (2.1)	PVC	Polyester	158°F (70°C)	V-High		x		Poor	Conveys up to 35° inclines*
09			Nose Bar High Friction	0.055 (1.4)	Urethane	Polyester	212°F (100°C)	High	x			Good	Nose Bar Applications

Note: See below for splice details. Plastic Clipper splice requires longer lead times. No Metal Clipper Splice on belts over 48" (1,219 mm) wide.

*Incline varies due to factors like dust, fluids and part material. **Metal Clipper splices are not sanitary.

BELT SPLICING



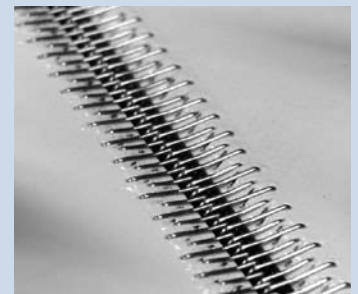
Finger Splice

All belts are available with a standard Thermoformed finger splice. This splice makes the belt continuous and is virtually undetectable. Splice bonding methods vary by belt type. Consult factory for details.



Plastic Clipper***

An optional plastic clipper splice is available for quick removal of belts or when conveyors are installed in tight spaces.



Metal Clipper***

An optional metal clipper splice is also available for quick removal of belts or when conveyors are installed in tight spaces. (Not Sanitary)

*** See belt charts for compatibility. Not for use with 7360 Series belt scraper option. Plastic and Metal Clippers are slightly thicker than base belt. Contact factory for details.

Wet applications are limited to specialty belt types 54, 55, 69 and 70 only!

Solid Urethane belt for added sanitary protection –

See belt type 70 below

High Release Cover belt for handling sticky food such as raw dough –

See belt type 71 below



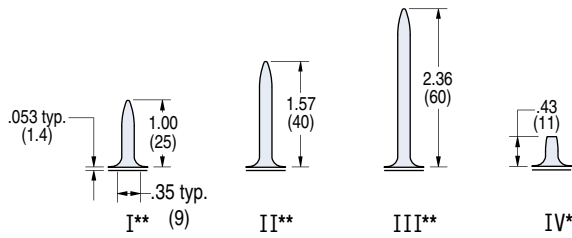
Specialty Belt Selection Guide

Specialty belt material is not stocked at Dorner and needs to be custom ordered for your special conveyor needs.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper**	Belt Specifications	Belt Thickness	Surface Material	Maximum Part Temp.	Coefficient of Friction	FDA Approved	Chemical Resistance	Moisture Resistance	Special Characteristics or Applications
54	F4	4F	FDA Sealed Edge	0.06 (1.5)	Urethane	176°F (80°C)	Low	x	Good	Good	Packaging, clean room & inspection, wet environment
55	F5	5F	FDA Sealed Edge	0.06 (1.5)	Urethane	176°F (80°C)	High	x	Good	Good	Packaging, clean room & inspection, wet environment
56		6F	Cut Resistant	0.08 (2.1)	Urethane	212°F (100°C)	Med.		Good	Poor	Oily product release, Metal stamping
57		7F	Cut Resistant	0.10 (2.5)	Nitrile	176°F (80°C)	Med.		Poor	Poor	Felt-like, dry metal stamping, glass & ceramic
59	F9	9F	Color Contrasting	0.06 (1.5)	PVC	158°F (70°C)	Med.		Poor	Poor	Black colored, hides overspray from ink jet
60	G0	0G	Color Contrasting	0.05 (1.2)	Urethane	212°F (100°C)	Low	x	Good	Poor	Green colored, Nose Bar
61	G1	1G	Color Contrasting	0.05 (1.2)	Urethane	212°F (100°C)	Low	x	Good	Poor	Blue colored, Nose Bar
63		3G	Electrically Conductive	0.05 (1.2)	Urethane	140°F (60°C)	Low		Good	Poor	Static conductive, electronics handling
64		4G	High Friction	0.17 (4.4)	PVC	194°F (90°C)	V-High		Poor	Poor	Dark Green colored, rough top surface, product cushioning, incline / decline apps
65		5G	Chemical Resistant	0.05 (1.2)	Polypropylene	248°F (120°C)	Low	x	V-Good	Poor	Very good cut resistance, excellent product release
66		6G	Chemical Resistant	0.07 (1.7)	Polyester	212°F (100°C)	Med.	x	V-Good	Poor	Good Cut resistance, metal stamping apps
67		7G	Low Friction Cleated	0.06 (1.6)	Polyester	212°F (100°C)	n/a	x	Good	Poor	Excellent product release, consult factory for part number and how to specify low friction
68	G8		FDA Encased*	0.08 (2.0)	Urethane	212°F (100°C)	Low	x	Good	V-Good	Urethane Enclosed for added sanitary protection
69	G9		FDA Encased*	0.08 (2.0)	Urethane	212°F (100°C)	High	x	Good	V-Good	Urethane Enclosed for added sanitary protection
70			Solid Urethane	0.10 (2.5)	Urethane	212°F (100°C)	Med.	x	Good	V-Good	USDA Approved, wet applications
71			High Release Cover	0.07 (1.7)	Urethane	212°F (100°C)	Low	x	Good	Poor	Raw dough or sticky food product
72			Nose Bar Low Friction	0.05 (1.2)	Urethane	212°F (100°C)	Low	x	Good	Poor	Nose Bar Applications

No Metal Clipper Splice on belts over 48" (1,219 mm) wide.

* Not available in 2" (51 mm) wide. **Metal Clipper splices are not sanitary.



* = Maximum 7' conveyor length for 18" and wider conveyors

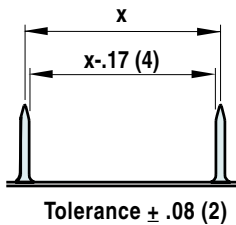
** = Maximum 20" (508 mm) cleat spacing for 7' and longer conveyors

Note: Minimum cleat spacing is approximately 2" (50 mm). Consult Factory.

Standard Cleated Belting

Part No.	Base Belt	Belt Thickness, in (mm)	Belt Surface Material	Cleat Height, in (mm)	Cleat Material	Max. Part Temp.	FDA Approved	Chemical Resistance	Moisture Resistance	Illustration
A	High Friction	0.055 (1.4)	Urethane	1.00 (25)	Urethane	176°F (80°C)	Yes	Good	Poor	I
B	High Friction	0.055 (1.4)	Urethane	1.57 (40)	Urethane	176°F (80°C)	Yes	Good	Poor	II
C	High Friction	0.055 (1.4)	Urethane	2.36 (60)	Urethane	176°F (80°C)	Yes	Good	Poor	III
G	High Friction	0.055 (1.4)	Urethane	0.43 (11)	Urethane	176°F (80°C)	Yes	Good	Poor	IV
J	Low Friction	0.06 (1.6)	Urethane	1.00 (25)	Urethane	212°F (100°C)	Yes	Good	Poor	I
K	Low Friction	0.06 (1.6)	Urethane	1.57 (40)	Urethane	212°F (100°C)	Yes	Good	Poor	II
L	Low Friction	0.06 (1.6)	Urethane	2.36 (60)	Urethane	212°F (100°C)	Yes	Good	Poor	III
M	Low Friction	0.06 (1.6)	Urethane	0.43 (11)	Urethane	212°F (100°C)	Yes	Good	Poor	IV

CLEAT SPACING



Steps:

- 1) Refer to Formulas below
- 2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down
- 3) Use formula 2 to get the cleat space reference for the conveyor part number

Formula 1

$$\text{Number of Cleats} = \frac{(\text{Conveyor Length in feet} \times 24) + 4.00}{\text{Desired cleat spacing in inches (x)}}$$

Example

Using a 6' long conveyor and 6" cleat spacing

$$\text{Number of Cleats} = \frac{(6 \times 24) + 4.00}{6} = \frac{148}{6} = \mathbf{24 \text{ Cleats (rounded)}}$$

Formula 2

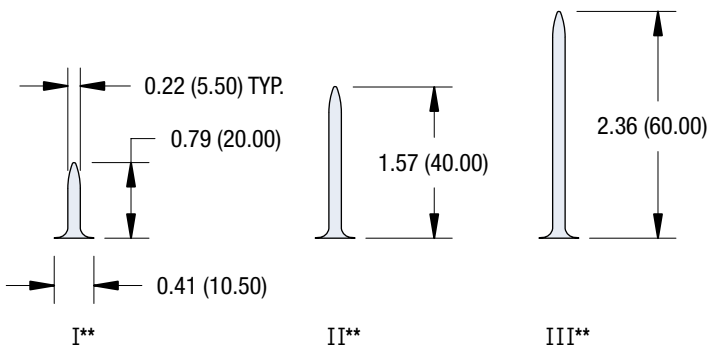
$$\text{Cleat Space Reference (x)} = \frac{(\text{Conveyor Length in feet} \times 24) + 4.00}{\text{Number of Cleats from Formula 1}}$$

Example

Using a 6' long conveyor and 24 cleats

$$\text{Cleat Spacing in inches (x)} = \frac{(6 \times 24) + 4.00}{24 \text{ cleats}} = \frac{148}{24} = \mathbf{6.17 \text{ or } 0617 \text{ Cleat Reference}}$$

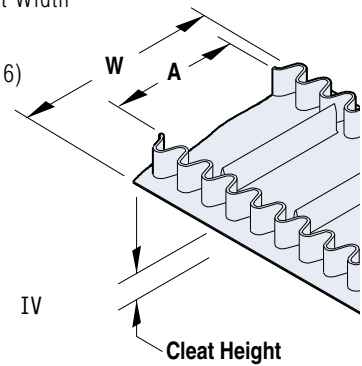
AquaGard™ 7360 SERIES: SPECIALTY CLEATED BELTING



W = Conveyor Belt Width*

A = Pocket Width

A = W - 4.57" (116)

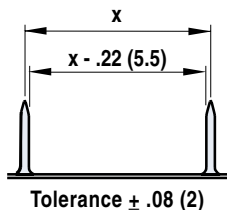


* = Maximum 7' conveyor length for 18" and wider conveyors
 ** = Maximum 20" (508 mm) cleat spacing for 7' and longer conveyors
 Note: Minimum cleat spacing is approximately 2" (50 mm). Consult Factory.

Specialty Cleated Belting

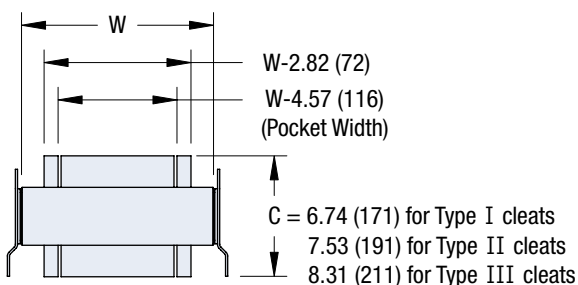
Part No.	Base Belt	Belt Thickness, in (mm)	Belt Surface Material	Cleat Height, in (mm)	Cleat Material	Max. Part Temp.	FDA Approved	Chemical Resistance	Moisture Resistance	Illustration	
Cleated	N	Sealed Edge	0.06 (1.5)	Urethane	0.79 (20)	Urethane	176°F (80°C)	Yes	Good	Good	I
	P	Sealed Edge	0.06 (1.5)	Urethane	1.57 (40)	Urethane	176°F (80°C)	Yes	Good	Good	II
	Q	Sealed Edge	0.06 (1.5)	Urethane	2.36 (60)	Urethane	176°F (80°C)	Yes	Good	Good	III
	R	Encased	0.08 (2.0)	Urethane	0.79 (20)	Urethane	212°F (100°C)	Yes	Good	Very Good	I
	S	Encased	0.08 (2.0)	Urethane	1.57 (40)	Urethane	212°F (100°C)	Yes	Good	Very Good	II
	T	Encased	0.08 (2.0)	Urethane	2.36 (60)	Urethane	212°F (100°C)	Yes	Good	Very Good	III
Sidewall Cleated	U	Standard	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176°F (80°C)	Yes	Good	Poor	IV
	V	Standard	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176°F (80°C)	Yes	Good	Poor	IV
	W	Sealed Edge	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176°F (80°C)	Yes	Good	Good	IV
	X	Sealed Edge	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176°F (80°C)	Yes	Good	Good	IV
	Y	Encased	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176°F (80°C)	Yes	Good	Very Good	IV
	Z	Encased	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176°F (80°C)	Yes	Good	Very Good	IV

CLEAT SPACING



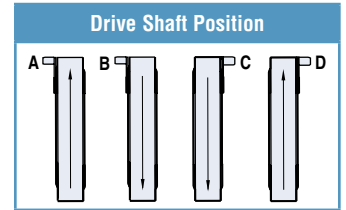
Steps:

- 1) Refer to 7600 Series Formulas on the previous page.
- 2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down
- 3) Use formula 2 to get the cleat space reference for the conveyor part number

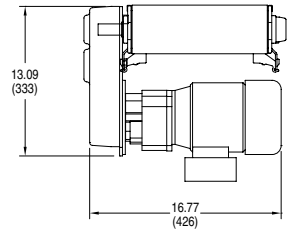
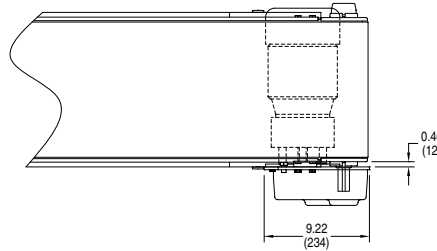


GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

- Step 1:** Select a **Gearmotor Mounting Package** (page 97-98).
- Step 2:** Locate the appropriate gearmotor chart (pages 99-100) in terms of **Painted** vs. **Stainless Steel** and **Fixed Speed** vs. **Variable Speed**.
- Step 3:** Use the **Belt Speed Column** to locate the **Part Number** for your desired Gearmotor.



Bottom Mount Package, Parallel Shaft Gearmotor



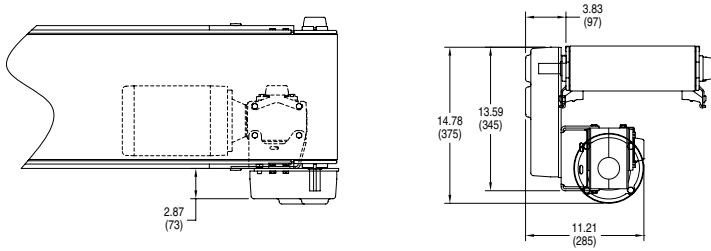
- Includes stainless steel gearmotor mounting bracket, timing belt, plated pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaGard™ 7360 SERIES: GEARMOTOR MOUNTING PACKAGES

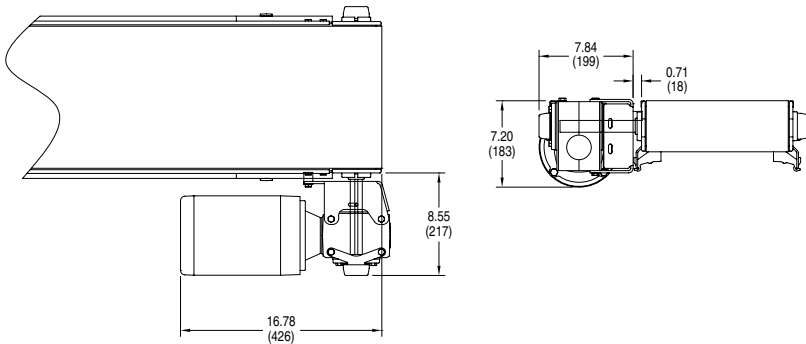
Bottom Mount Package, 90° Gearmotor



- Includes stainless steel gearmotor mounting bracket, timing belt, plated pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

Side Mount Package, 90° Gearmotor

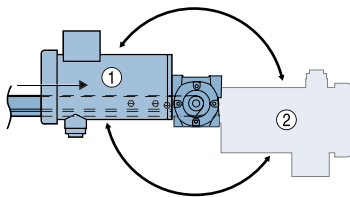


- Includes stainless steel gearmotor bracket and mounting hardware

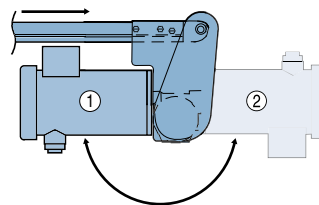
W = Conveyor Belt Width

90° Gearmotor Location Options

Side Mount



Bottom Mount



Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user. Dimensions = in (mm)

For ordering information, see page 116

Parallel Shaft Gearmotor

Fixed Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	M/min		Bottom	Side	Drive Pulley	Driven Pulley	
20	6.1	21	x		30	30	1
23	7.0	21	x		36	30	1
29	8.8	31	x		30	30	1
35	10.7	31	x		36	30	1
47	14.3	50	x		30	30	1
56	17.1	50	x		36	30	1
78	23.8	84	x		30	30	1
94	28.7	84	x		36	30	1
114	34.7	122	x		30	30	1
136	41.5	122	x		36	30	1
158	48.2	170	x		30	30	1
177	53.9	190	x		36	30	1
190	57.9	170	x		30	30	1
213	64.9	190	x		36	30	1
241	73.5	258	x		30	30	1
289	88.1	258	x		36	30	1
CE Gearmotor RPM at 50 Hz.							
16	4.9	17	x		30	30	2
19	5.8	17	x		36	30	2
34	10.4	36	x		30	30	2
40	12.2	36	x		36	30	2
45	13.7	48	x		30	30	2
54	16.5	48	x		36	30	2
69	21.0	74	x		30	30	2
83	25.3	74	x		36	30	2
82	25.0	88	x		30	30	2
98	29.9	88	x		36	30	2
118	36.0	127	x		30	30	2
142	43.3	127	x		36	30	2
147	44.8	158	x		30	30	2
177	53.9	158	x		36	30	2
181	55.2	194	x		30	30	2
217	66.1	194	x		36	30	2

Variable Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	M/min		Bottom	Side	Drive Pulley	Driven Pulley	
4 - 20	1.2 - 6.1	21	x		30	30	6
5 - 23	1.4 - 7.0	21	x		36	30	6
6 - 29	1.8 - 8.8	31	x		30	30	6
7 - 35	2.1 - 10.7	31	x		36	30	6
9 - 47	2.9 - 14.3	50	x		30	30	6
11 - 56	3.4 - 17.1	50	x		36	30	6
16 - 78	4.8 - 23.8	84	x		30	30	6
19 - 94	5.7 - 28.7	84	x		36	30	6
23 - 114	6.9 - 34.7	122	x		30	30	6
27 - 136	8.3 - 41.5	122	x		36	30	6
32 - 158	9.6 - 48.2	170	x		30	30	6
35 - 177	10.8 - 53.9	190	x		36	30	6
38 - 190	11.6 - 57.9	170	x		30	30	6
43 - 213	13.0 - 64.9	190	x		36	30	6
48 - 241	14.7 - 73.5	258	x		30	30	6
58 - 289	17.6 - 88.1	258	x		36	30	6
CE RPM from 50 Hz. gearmotors. VFD drive at 63 max. Hz. output.							
4 - 27	2.6 - 5.2	17	x		30	30	7
5 - 33	3.1 - 6.2	17	x		36	30	7
9 - 58	5.5 - 11.0	36	x		30	30	7
10 - 69	6.6 - 13.2	36	x		36	30	7
12 - 77	7.3 - 14.6	48	x		30	30	7
14 - 92	8.8 - 17.6	48	x		36	30	7
18 - 118	11.3 - 22.6	74	x		30	30	7
21 - 142	13.5 - 27.1	74	x		36	30	7
21 - 141	13.4 - 26.8	88	x		30	30	7
25 - 169	16.1 - 32.2	88	x		36	30	7
30 - 203	19.4 - 38.7	127	x		30	30	7
37 - 244	23.2 - 46.5	127	x		36	30	7
38 - 253	24.1 - 48.2	158	x		30	30	7

Washdown 90° Gearmotor

Fixed Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
21	6.4	22	x	x	30	30	3, 4
25	7.6	22	x		36	30	3, 4
27	8.2	29	x	x	30	30	3, 4
32	9.8	29	x		36	30	3, 4
41	12.5	44	x	x	30	30	3, 4
49	14.9	44	x		36	30	3, 4
54	16.5	58	x	x	30	30	3, 4
65	19.8	58	x		36	30	3, 4
81	24.7	87	x	x	30	30	3, 4
97	29.6	87	x		36	30	3, 4
109	33.2	117	x	x	30	30	3, 4
131	39.9	117	x		36	30	3, 4
163	49.7	175	x	x	30	30	3, 4
196	59.7	175	x		36	30	3, 4
217	66.1	233	x	x	30	30	3, 4
261	79.6	233	x		36	30	3, 4

CE Gearmotor RPM at 50 Hz.

21	6.4	23		x			5
43	13.1	46		x			5
51	15.5	55		x			5
87	26.5	93		x			5
131	39.9	140		x			5
173	52.7	186		x			5

Variable Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
2 - 21	0.6 - 6.4	22	x	x	30	30	8, 9
3 - 25	0.8 - 7.6	22	x		36	30	8, 9
3 - 27	0.8 - 8.2	29	x	x	30	30	8, 9
3 - 32	1.0 - 9.8	29	x		36	30	8, 9
4 - 41	1.3 - 12.5	44	x	x	30	30	8, 9
5 - 49	1.5 - 14.9	44	x		36	30	8, 9
5 - 54	1.7 - 16.5	58	x	x	30	30	8, 9
7 - 65	2.0 - 19.8	58	x		36	30	8, 9
8 - 81	2.5 - 24.7	87	x	x	30	30	8, 9
10 - 97	3.0 - 29.6	87	x		36	30	8, 9
11 - 109	3.3 - 33.2	117	x	x	30	30	8, 9
13 - 131	4.0 - 39.9	117	x		36	30	8, 9
16 - 163	5.0 - 49.7	175	x	x	30	30	8, 9
20 - 196	6.0 - 59.7	175	x		36	30	8, 9
22 - 217	6.6 - 66.1	233	x	x	30	30	8, 9
26 - 261	8.0 - 79.6	233	x		36	30	8, 9

CE RPM from 50 Hz. gearmotors. VFD drive at 80 max. Hz. output.

4 - 34	1.3 - 10.0	23		x			10
9 - 69	2.6 - 21.0	46		x			10
10 - 82	3.1 - 25.0	55		x			10
17 - 139	5.3 - 42.0	93		x			10
26 - 210	8.0 - 64.0	140		x			10
35 - 277	10.5 - 84.0	186		x			10

Industrial 90° Gearmotor

Fixed Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
27	8.2	29	x		30	30	*
32	9.8	29	x		36	30	*
40	12.2	43	x		30	30	*
48	14.6	43	x		36	30	*
80	24.4	86	x		30	30	*
96	29.3	86	x		36	30	*
161	49.1	173	x		30	30	*
194	59.1	173	x		36	30	*

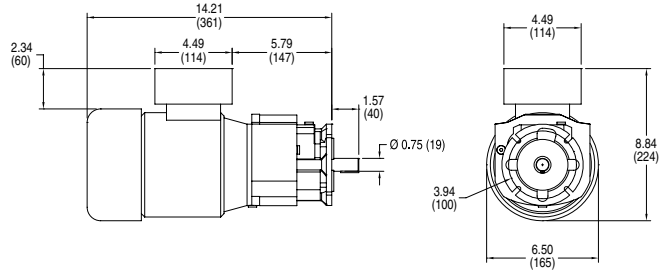
Variable Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
3 - 27	0.8 - 8.2	29	x		30	30	*
3 - 32	1.0 - 9.8	29	x		36	30	*
4 - 40	1.2 - 12.2	43	x		30	30	*
5 - 48	1.5 - 14.6	43	x		36	30	*
8 - 80	2.4 - 24.4	86	x		30	30	*
10 - 96	2.9 - 29.3	86	x		36	30	*
16 - 161	4.9 - 49.1	173	x		30	30	*
19 - 194	5.9 - 59.1	173	x		36	30	*

* Note: For Industrial Gearmotors see Industrial Full Specifications Catalog, 3200 Gearmotors section on page 99, Charts 6, 9 and 10.

STANDARD LOAD, FIXED SPEED

Chart 1 Parallel Shaft, Painted Gearmotor

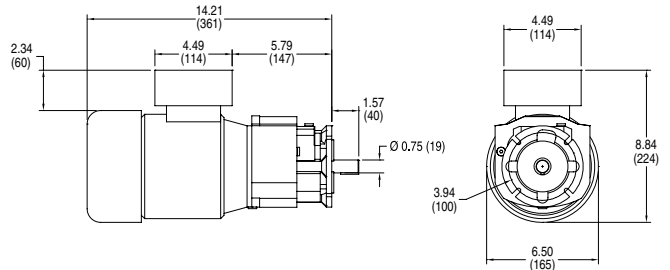
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Food Grade Paint
- Total Enclosed Fan Cooled
- 230/460 Volts, 3 Phase, 60 Hz
- Order Motor Starter Separately, see page 106



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73M081PS423FN	21	2	0.16	0.12	230 / 460	0.88 / 0.44	483	55
73M054PS423FN	32	2	0.25	0.19	230 / 460	1.12 / 0.56	507	57
73M034PS423FN	50	2	0.50	0.37	230 / 460	1.90 / 0.95	633	72
73M020PS423FN	84	2	0.75	0.56	230 / 460	2.70 / 1.35	563	64
73M013PS423FN	122	2	1.00	0.75	230 / 460	3.66 / 1.83	517	58
73M010PS423FN	170	2	1.00	0.75	230 / 460	3.66 / 1.83	374	42
73M008PS423FN	190	2	1.00	0.75	230 / 460	3.66 / 1.83	333	38
73M006PS423FN	258	2	1.00	0.75	230 / 460	3.66 / 1.83	246	28

Chart 2 CE Parallel Shaft Gearmotor

- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz
- Order Motor Starter Separately, see page 106



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U081PS423FN	17	2	0.16	0.12	230 / 400	0.96 / 0.55	389	44
73U039PS423FN	36	2	0.5	0.37	230 / 400	1.9 / 1.09	549	62
73U029PS423FN	48	2	0.75	0.56	230 / 400	2.64 / 1.52	620	70
73U019PS423FN	74	2	1.0	0.75	230 / 400	3.65 / 2.1	531	60
73U016PS423FN	88	2	1.0	0.75	230 / 400	3.65 / 2.1	451	51
73U011PS423FN	127	2	1.5	1.12	230 / 400	4.89 / 2.81	469	53
73U009PS423FN	158	2	1.5	1.12	230 / 400	4.89 / 2.81	372	42
73U007PS423FN	194	2	1.0	0.75	230 / 400	3.65 / 2.1	327	37

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

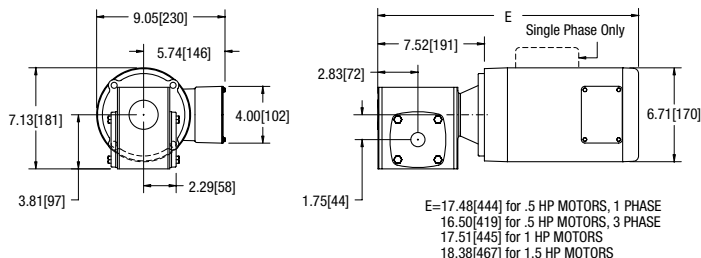
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, FIXED SPEED

Chart 3 Painted Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order optional Manual Motor Starter separately, see page 106
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase

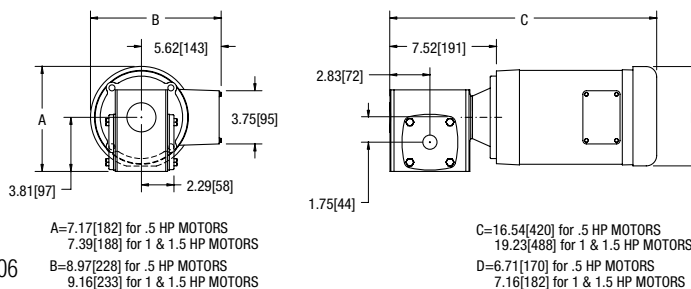


Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm
			Hp	kW	FLA	Hp	kW	FLA		
74M080HS4(vp)FN	22	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	356	40.2
74M060HS4(vp)FN	29	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	442	49.9
74M040HS4(vp)FN	44	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	486	54.9
74M030HS4(vp)FN	58	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	487	55.0
74M020HS4(vp)FN	87	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	407	46.0
74M015HS4(vp)FN	117	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	470	53.1
74M010HS4(vp)FN	175	1	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	442	49.9
74M007HS4(vp)FN	233	1	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	360	40.7

(vp) = voltage and Phase 11 = 115 / 208-230, 1 Phase 23 = 0.5 HP: 230 / 460 Volts, 3 Phase; 1.0 & 1.5 HP: 208-230 / 460 Volts, 3 Phase

Chart 4 Stainless Steel Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- 208-230 / 460 V, 3 Phase
- Order optional Manual Motor Starter separately, see page 106
- 0.5 Hp 230 / 460 V, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 V, 3 Phase



Part Number	RPM	Gearmotor Type	3 Phase				in.-lbs.	Nm
			Hp	kW	Volts	FLA		
74M080HSZ423FN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HSZ423FN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HSZ423FN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HSZ423FN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HSZ423FN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	407	46.0
74M015HSZ423FN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HSZ423FN	175	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	442	49.9
74M007HSZ423FN	233	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	360	40.7

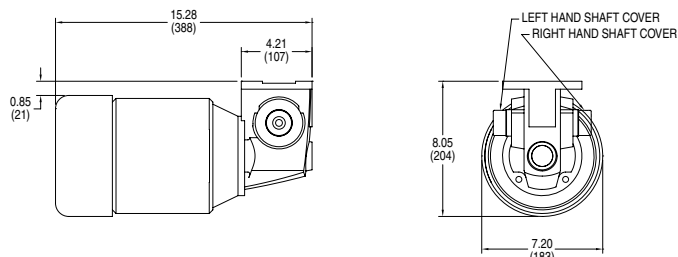
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, FIXED SPEED

Chart 5 CE 90° Gearmotor

- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz
- Order Motor Starter Separately, see page 106



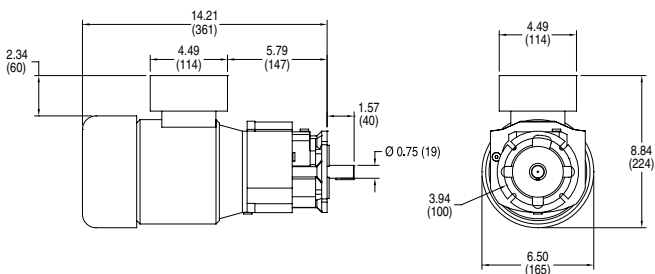
Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U060HS423FN	23	1	0.5	0.37	230 / 400	1.91 / 1.1	716	81
73U030HS423FN	46	1	1.0	0.75	230 / 400	3.65 / 2.1	902	102
73U025HS423FN	55	1	1.0	0.75	230 / 400	3.65 / 2.1	831	94
73U015HS423FN	93	1	1.5	1.12	230 / 400	4.89 / 2.81	787	89
73U010HS423FN	140	1	1.5	1.12	230 / 400	4.89 / 2.81	566	64
73U007HS423FN	186	1	2.0	1.49	230 / 400	6.17 / 3.55	593	67
73U005HS423FN	279	1	2.0	1.49	230 / 400	6.17 / 3.55	407	46

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

STANDARD LOAD, VARIABLE SPEED

Chart 6 Parallel Shaft, Painted Gearmotor

- Variable Frequency Drive, 12 to 60 Hz
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Food Grade Paint
- Total Enclosed Fan Cooled
- 230/460 Volts, 3 Phase, 60 Hz nominal
- Order Controller Separately, see page 106



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M081PS423EN	4.2 to 21	2	0.16	0.12	230 / 460	0.88 / 0.44	483	55
74M054PS423EN	6.2 to 31	2	0.25	0.19	230 / 460	1.12 / 0.56	507	57
74M034PS423EN	10 to 50	2	0.50	0.37	230 / 460	1.90 / 0.95	633	72
74M020PS423EN	16.8 to 84	2	0.75	0.56	230 / 460	2.70 / 1.35	563	64
74M013PS423EN	24.4 to 122	2	1.00	0.75	230 / 460	3.66 / 1.83	517	58
74M010PS423EN	34 to 170	2	1.00	0.75	230 / 460	3.66 / 1.83	374	42
74M008PS423EN	38 to 190	2	1.00	0.75	230 / 460	3.66 / 1.83	333	38
74M006PS423EN	51.6 to 258	2	1.00	0.75	230 / 460	3.66 / 1.83	246	28

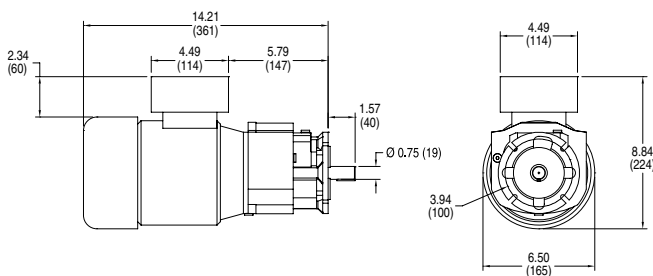
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, VARIABLE SPEED

Chart 7 CE Parallel Shaft Gearmotor

- Variable Frequency Drive
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Unpainted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts 3 Phase, 50 Hz nominal
- Order Controller Separately, see page 106

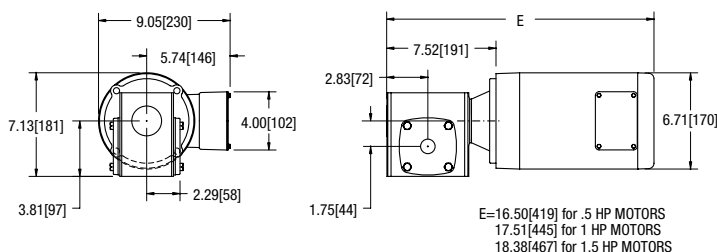


Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U081PS423EN	4.1 to 27	2	0.16	0.12	230 / 400	0.96 / 0.55	389	44
73U039PS423EN	8.6 to 58	2	0.5	0.37	230 / 400	1.9 / 1.09	549	62
73U029PS423EN	11.5 to 77	2	0.75	0.56	230 / 400	2.64 / 1.52	620	70
73U019PS423EN	17.8 to 118	2	1.0	0.75	230 / 400	3.65 / 2.1	531	60
73U016PS423EN	21.1 to 141	2	1.0	0.75	230 / 400	3.65 / 2.1	451	51
73U011PS423EN	30.5 to 203	2	1.5	1.12	230 / 400	4.89 / 2.81	469	53
73U009PS423EN	37.9 to 253	2	1.5	1.12	230 / 400	4.89 / 2.81	372	42

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

Chart 8 90° Painted Gearmotor

- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gearbox
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order Controller Separately, see page 106



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HS423EN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423EN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423EN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423EN	58	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M020HS423EN	87	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M015HS423EN	117	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	470	53.1
74M010HS423EN	175	1	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	442	49.9
74M007HS423EN	233	1	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	360	40.7

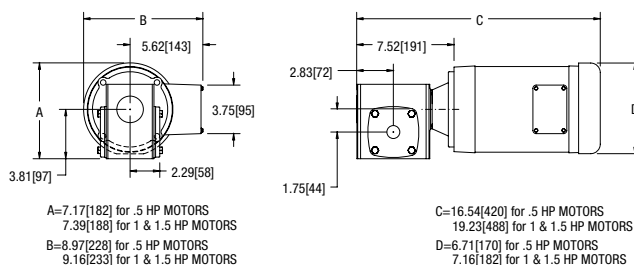
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

STANDARD LOAD, VARIABLE SPEED

Chart 9 90° Stainless Steel Gearmotor

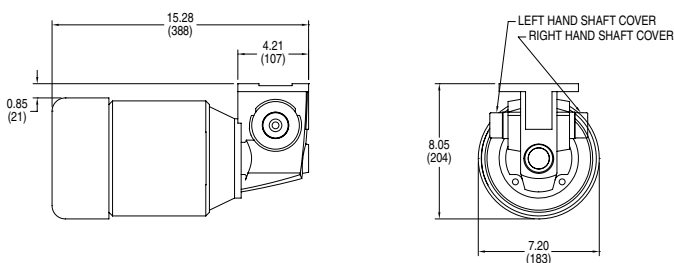
- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box and Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- Order Controller Separately, see page 106



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HHS423EN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HHS423EN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HHS423EN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HHS423EN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HHS423EN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M015HHS423EN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HHS423EN	175	1	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	442	49.9
74M007HHS423EN	233	1	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	360	40.7

Chart 10 CE 90° Gearmotor

- Variable Frequency Drive, 12 to 80 Hz
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz nominal
- Order Controller Separately, see page 106



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U060HS423EN	5.5 to 37	1	0.5	0.37	230 / 400	1.91 / 1.1	716	81
73U030HS423EN	11 to 74	1	1.0	0.75	230 / 400	3.65 / 2.1	902	102
73U025HS423EN	13.2 to 88	1	1.0	0.75	230 / 400	3.65 / 2.1	831	94
73U015HS423EN	22.3 to 149	1	1.5	1.12	230 / 400	4.89 / 2.81	787	89
73U010HS423EN	33.6 to 224	1	1.5	1.12	230 / 400	4.89 / 2.81	566	64
73U007HS423EN	44.6 to 298	1	2.0	1.49	230 / 400	6.17 / 3.55	593	67

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

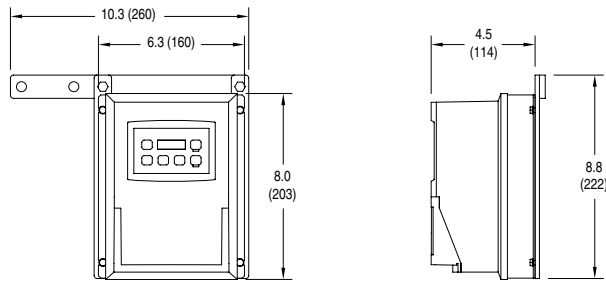
FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

VARIABLE SPEED CONTROLLER

Chart A Variable Speed Controllers

- Variable Frequency Drive
- Nema 4X Plastic Enclosure
- Stainless steel mounting hardware
- Digital Display
- Keypad with Start/Stop and Speed variation
- Includes cord to motor
- Power to controller by others
- UL Approved

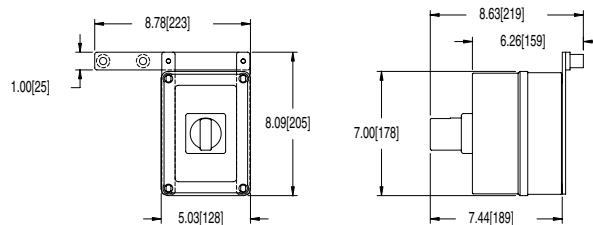


Part Number	Input			Output		Max Hp	Max Amps	A (width)	B (depth)
	Volts	Phase	Hz	Volts	Phase				
74MV1122S	115	1	60	230	3	0.5	2.2	7.9 (200)	3.8 (96)
74MV2322S	230	3	60	230	3	0.5	2.2	6.1 (155)	4.4 (112)
74MV1121S	115	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV2121S	230	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV4341S	460	3	60	460	3	1.0	2.0	6.1 (155)	4.4 (112)
74MV2127S	230	1	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV2327S	230	3	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV4347S	460	3	60	460	3	2.0	3.4	7.9 (200)	4.9 (124)

MANUAL MOTOR STARTER

Chart B Manual Motor Starter

- Nema 4X Plastic Enclosure
- Stainless Steel mounting hardware
- IP 66
- Start / Stop Switch
- Lock out tag out capable
- Includes wiring to Motor
- Power to Starter by others
- No plug/cord set included



Part Number	Input			FLA
	Volts	Phase	Hz	
74MM11F	115	1	60	6.3 - 10
74MM21D	208-230	1	60	2.5 - 3.9
74MM23A	208-230	3	60	0.63 - 0.99
74MM23B	208-230	3	60	1.0 - 1.59
74MM23C	208-230	3	60	1.6 - 2.4
74MM23D	208-230	3	60	2.5 - 3.9
74MM23E	208-230	3	60	4.0 - 6.3
74MM43A	460	3	60	1.6 - 2.4
74MM43B	460	3	60	2.5 - 3.9
74MM43C	460	3	60	0.63 - 0.99
74MM43D	460	3	60	1.0 - 1.59

FLA = Full Load Amperes

Fixed Foot Support Stands

- For 4" to 36" Widths:
 - All components are stainless steel with a 2B finish
 - Vertical leg is formed sheet metal
- For 38" to 52" widths:
 - All components are stainless steel with #4 finish
 - Vertical leg is a closed 2" square tube
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications

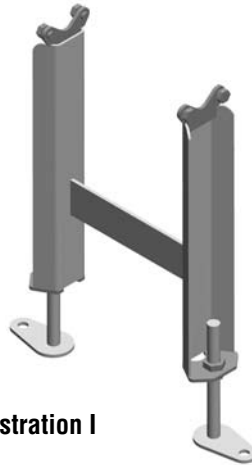


Illustration I



Illustration II

Fixed Foot Model									
		See Illustration I					See Illustration II		
Conveyor Width		4" (102)	6" (152)	8" (203)	2" (51) increments up to...	36" (914)	38" (965)	2" (51) increments up to...	52" (1,321)
WW Part # Reference		04	06	08	02 increments up to...	36	38	02 increments up to...	52
HM Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	39.5" (1,003)	2" (51) increments up to...	53.5" (1,359)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	44" (1,118)	48" (1,219)	02 increments up to...	62" (1,575)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments up to...	72" (1,829)	19" (483)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	76" (1,930)	23" (584)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	1620	1721	1822	01 increments up to...	7276	1923	01 increments up to...	7074
AM Adjustable Angle Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	41.5" (1,054)	2" (51) increments up to...	55.5" (1,410)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	44" (1,118)	49" (1,245)	02 increments up to...	63" (1,600)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	72" (1,829)	19" (483)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments up to...	76" (1,930)	23" (584)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	2024	2125	2226	01 increments up to...	7276	1923	01 increments up to...	7074
HR Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	47.5" (1,207)	2" (51) increments up to...	61.5" (1,562)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments up to...	54" (1,372)	61" (1,549)	02 increments up to...	75" (1,905)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments up to...	72" (1,829)	19" (483)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	76" (1,930)	23" (584)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	1620	1721	1822	01 increments up to...	7276	1923	01 increments up to...	7074
AR Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	49.5" (1,257)	2" (51) increments up to...	63.5" (1,613)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments up to...	54" (1,372)	61" (1,549)	02 increments up to...	75" (1,905)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	72" (1,829)	19" (483)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments up to...	76" (1,930)	23" (584)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	2024	2125	2226	01 increments up to...	7276	1923	01 increments up to...	7074

*Note: Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

Swivel Locking Caster Support Stands

- For 4" to 36" Widths:
 - All components are stainless steel with a 2B finish
 - Vertical leg is formed sheet metal
- For 38" to 52" widths:
 - All components are stainless steel with #4 finish
 - Vertical leg is a closed 2" square tube
- Has +/- 2" of adjustment
- Caster is swivel locking
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications

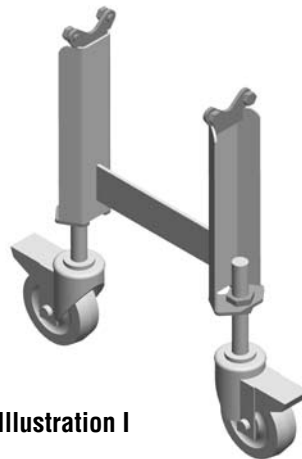


Illustration I



Illustration II

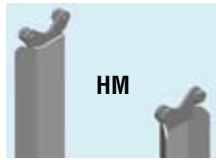
Swivel Locking Caster Model									
		See Illustration I					See Illustration II		
Conveyor Width		4" (102)	6" (152)	8" (203)	2" (51) increments up to...	36" (914)	38" (965)	2" (51) increments up to...	52" (1,321)
WW Part # Reference		04	06	08	02 increments up to...	36	38	02 increments up to...	52
HM Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	39.5" (1,003)	2" (51) increments up to...	53.5" (1,359)
	Width at Feet*	12" (305)	18" (457)	20" (508)	02 increments up to...	48" (1,219)	48" (1,219)	02 increments up to...	62" (1,575)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments up to...	72" (1,829)	24" (610)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	76" (1,930)	28" (711)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	2125	2226	2327	01 increments up to...	7276	2428	01 increments up to...	7074
AM Adjustable Angle Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	41.5" (1,054)	2" (51) increments up to...	55.5" (1,410)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	48" (1,219)	49" (1,245)	02 increments up to...	63" (1,600)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	72" (1,829)	24" (610)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments up to...	76" (1,930)	28" (711)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	2529	2630	2731	01 increments up to...	7276	2428	01 increments up to...	7074
HR Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	47.5" (1,207)	2" (51) increments up to...	61.5" (1,562)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments up to...	58" (1,473)	61" (1,549)	02 increments up to...	75" (1,905)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments up to...	72" (1,829)	24" (610)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	76" (1,930)	28" (711)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	2125	2226	2327	01 increments up to...	7276	2428	01 increments up to...	7074
AR Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)	49.5" (1,257)	2" (51) increments up to...	63.5" (1,613)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments up to...	58" (1,473)	61" (1,549)	02 increments up to...	75" (1,905)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	72" (1,829)	24" (610)	1" (25) increments up to...	70" (1,778)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments up to...	76" (1,930)	28" (711)	1" (25) increments up to...	74" (1,880)
	HHHH Height Reference	2529	2630	2731	01 increments up to...	7276	2428	01 increments up to...	7074

*Note: Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

TALL SUPPORT STANDS

Fixed Foot Model					
Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Foot *	(0.263)(HH max) + (WW + 6) inches				
Top of Belt (Minimum)	71" (1,803)	72" (1,829)	73" (1,854)	in 1" (25mm) increments up to...	95" (2,413)
Top of Belt (Maximum)	75" (1,905)	76" (1,930)	77" (1,956)	in 1" (25mm) increments up to...	99" (2,515)
HHHH Part Number	7175	7276	7377	in 01 increments up to...	9599



Horizontal Mount



Adjustable Mount

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications
- Includes Diagonal Brace for stability
- Tall Support Stands require the use of floor anchors

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.



Horizontal Mount Tall Stand

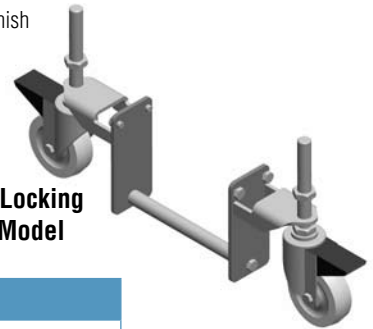
LOW HEIGHT SUPPORT STANDS

Fixed Foot Model		
Top of Belt (Minimum)	7" (178)	9" (229)
Top of Belt (Maximum)	11" (279)	13" (330)
HHHH Part # Reference	0711	0913
Stand Width at Foot *	WW + 10.5" (267mm)	

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Caster is swivel locking
- Horizontal conveyor mounts only

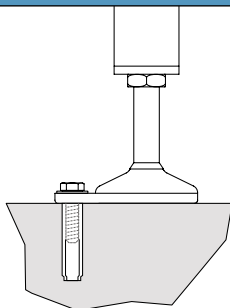
* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

Swivel Locking Caster Model



Swivel Locking Caster Model					
Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Caster *	22" (559)	24" (610)	26" (660)	in 2" (51mm) increments up to...	78" (1,981)
Top of Belt (Minimum)	12" (305)		14" (356)		16" (406)
Top of Belt (Maximum)	16" (406)		18" (457)		20" (508)
HHHH Part Number	1216		1418		1620

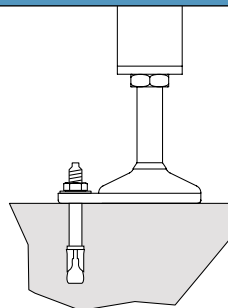
SANITARY FLOOR ANCHOR KITS



Type 1 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 1.57" (40 mm) drop in
- Stainless Steel
- Anchor is flush with floor upon removal of bolt
- Two (2) per anchor kit

Part No. FAS-1



Type 2 Sanitary Floor Anchor Kit

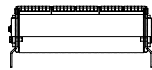
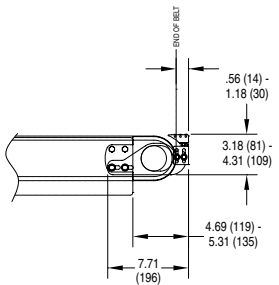
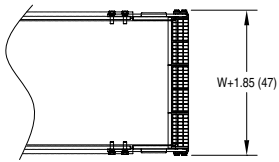
- 3/8" (10 mm) x 2 3/4" (70 mm)
- Stainless Steel
- Threaded anchor bolt protrudes above floor after installation
- Two (2) per anchor kit

Part No. FAS-2

Note: Dimensions = in (mm)

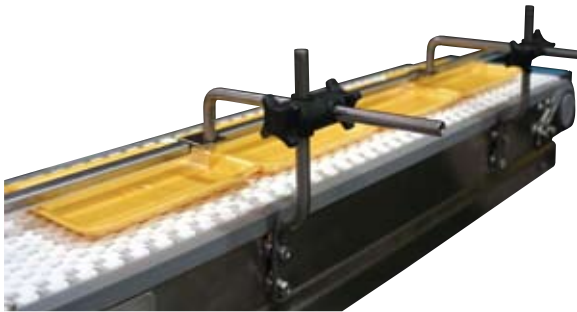
For ordering information, see page 116

ROLLER TRANSFER PLATE



- 4" wide to 52" wide
- Includes 0.43" diameter rollers mounted in transfer plate
- Adjustable mounting to fine tune small parts transfer
- All brackets and fasteners are stainless steel

OVERHEAD GUIDE



- For part hold down or cover closing
- Adjustable height and position across width
- Round nose UHMW guide with stainless steel backing
- Lengths: 3' to 10' in 1" increments
- Horizontal Brackets provided for every 2' of length
- Available in standard adjustable and tool-less adjustable mount styles
- All brackets and fasteners are stainless steel
- Does not include vertical mounting post. To be used with profiles 13 thru 18 or upper guide assembly.

UPPER GUIDE



- Used for guiding lids and/or tall parts
- Round nose UHMW guide with stainless steel backing
- Equipped with or without tall adjustable height bracket
- Length: 3' to 10' in 1' increments
- (2) width adjusting options (standard 5" post, 10" post)
- Brackets provided for every 2' of length
- Available in standard adjustable and tool-less adjustable mount styles
- All brackets and fasteners are stainless steel

ACCESSORY MOUNTING BAR



- Used for mounting adjustable devices such as photoeyes and sensors
- Can be mounted directly to frame or in combination with guide brackets
- 2 Versions:
 - 3' bar used to mount to 24" hole pattern in frames
 - 1' L shape used to mount at tail ends
- Compatible with Value Guide blocks (VG-021-02)
- All brackets and fasteners are stainless steel

Note: Dimensions = in (mm)

For ordering information, see page 117

PHOTO EYE AND REFLECTOR MOUNTING BRACKETS



- Mounts standard 18 mm diameter photoeyes or sensors
- Adjustable height and angle
- (3) Photo Eye types:
 - Thru beam includes (2) mounts
 - Reflector includes (1) Photo eye mount and (1) reflector mount (reflector included)
 - Convergent includes (1) photoeye mount
- (3) Mount versions:
 - To fixed post (does not include mounting post)
 - To fixed post (includes mounting post)
 - To accessory mounting bar (includes Value Guide Block and adjustable post)
- All brackets and fasteners are stainless steel

ELECTRICAL / AIR ROUTING CLIP



- Light weight mounting clip for wire clips, conduit clicks, wire tie mounts, etc.
- Mounts directly to M8 guide bolts and/or lower frame lip
- May be mounted to inside of frame or outside of frame
- Offset to clear mounting screws
- Package of 10 pieces
- All brackets and fasteners are stainless steel

Part Number	Description
735RC-10	Electrical / Air Routing Clip (package of 10 pieces)

M8 ACCESSORY MOUNTING BOLT



- Stainless steel mounting hardware
- M8-1.25 Male mounting stud
- Used with Dorner key-slot system
- Eliminates the need to access the inside of the frame
- Package of 10 pieces

Part Number	Description
735M8-10	M8 Accessory Mounting Bolt (package of 10 pieces)

Note: Dimensions = in (mm)

For ordering information, see page 117

7360 SERIES: FLAT BELT CONVEYOR

7 3 6 M W W L L L D I A B C A P P P P B B

Belt Material

Profile (D Side):

- 01 = Lowside
- 02 = Integral High Side
- 04 = 3" High Side
- 05 = 1" High Side
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side
- 52 = High Side - .41 Diameter Holes D Side

Profile (A Side):

- 01 = Lowside
- 02 = Integral High Side
- 04 = 3" High Side
- 05 = 1" High Side
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes A Side
- 52 = High Side - .41 Diameter Holes A Side

Scraper / Position / V-guide:

- A = V-guide, no scraper
- B = No V-guide, no scraper
- C = V-guide, scraper in primary position (no bottom drive)
- D = V-guide, scraper in secondary position
- E = No V-guide, scraper in primary position (no bottom drive)
- F = No V-guide, scraper in secondary position

Idler End Stand Location:

- A = no stand mounting holes
- B = 12" from idler end
- C = 18" from idler end
- D = 24" from idler end
- E = 30" from idler end
- F = 36" from idler end
- G = 12" from idler end with braces
- H = 18" from idler end with braces
- J = 24" from idler end with braces
- K = 30" from idler end with braces
- M = 36" from idler end with braces

Drive End Stand Location:

- A = no stand mounting holes
- B = 12" from drive end
- C = 18" from drive end
- D = 24" from drive end
- E = 30" from drive end
- F = 36" from drive end
- G = 12" from drive end with braces
- H = 18" from drive end with braces
- J = 24" from drive end with braces
- K = 30" from drive end with braces
- M = 36" from drive end with braces

Motor Shaft Position: A, B, C or D

Idler End:

- 1 = Standard
- 2 = Nose Bar
- 3 = Std. tail w/ Output Shaft (A position)
- 4 = Std. tail w/ Output Shaft (D position)

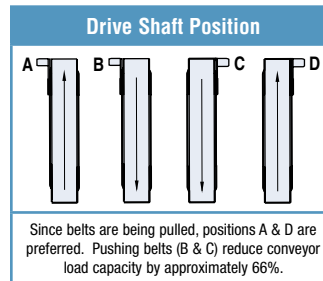
Drive / Pulley Type:

- 1 = Standard Bottom Drive
- 2 = Standard Side Drive
- 3 = Bottom Drive w/ Output Shaft
- 4 = Side Drive Tail w/ Output Shaft
- 5 = Center Drive
- 6 = Center Drive w/ Nose Bar

Length: 036-480

Belt Width: 04-52

Language: M = English



Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7360 SERIES: CLEATED BELT CONVEYOR

7 3 6 M W W L L L D I A A B A P P B B S S S S

- Belt Material**
- Profile (D Side):**
 - 01 = Lowside
 - 02 = Integral High Side
 - 04 = 3" High Side
 - 05 = 1" High Side
 - 13 = Fully Adjustable Round
 - 14 = Tool-less Fully Adjustable Round
 - 15 = Twin Rail Adjustable Round
 - 16 = Tool-less Twin Rail Adjustable Round
 - 17 = Fully Adjustable 1" Flat
 - 18 = Tool-less Fully Adjustable 1" Flat
 - 50 = Low Side - Key Slot Holes D Side
 - 51 = Low Side - .41 Diameter Holes D Side
 - 52 = High Side - .41 Diameter Holes D Side
- Profile (A Side):**
 - 01 = Lowside
 - 02 = 1" High Side
 - 03 = 3" High Side
 - 50 = Low Side - Key Slot Holes D Side
 - 51 = Low Side - .41 Diameter Holes A Side
- V-guide:** A = V-guide B = No V-guide
- Idler End Stand Location:**
 - A = no stand mounting holes
 - B = 12" from idler end
 - C = 18" from idler end
 - D = 24" from idler end
 - E = 30" from idler end
 - F = 36" from idler end
 - G = 12" from idler end with braces
 - H = 18" from idler end with braces
 - J = 24" from idler end with braces
 - K = 30" from idler end with braces
 - M = 36" from idler end with braces
- Drive End Stand Location:**
 - A = no stand mounting holes
 - B = 12" from drive end
 - C = 18" from drive end
 - D = 24" from drive end
 - E = 30" from drive end
 - F = 36" from drive end
 - G = 12" from drive end with braces
 - H = 18" from drive end with braces
 - J = 24" from drive end with braces
 - K = 30" from drive end with braces
 - M = 36" from drive end with braces
- Motor Shaft Position: A or D**
- Idler End:**
 - 1 = Standard
 - 3 = Std. tail w/ Output Shaft (A position)
 - 4 = Std. tail w/ Output Shaft (D position)
- Drive / Pulley Type:**
 - 1 = Standard Bottom Drive
 - 2 = Standard Side Drive
 - 3 = Bottom Drive w/ Output Shaft
 - 4 = Side Drive Tail w/ Output Shaft
 - 5 = Center Drive
 - 6 = Center Drive w/ Nose Bar
- Length:** 036-480
- Belt Width:** 04-24
- Language:** M = English

Drive Shaft Position

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

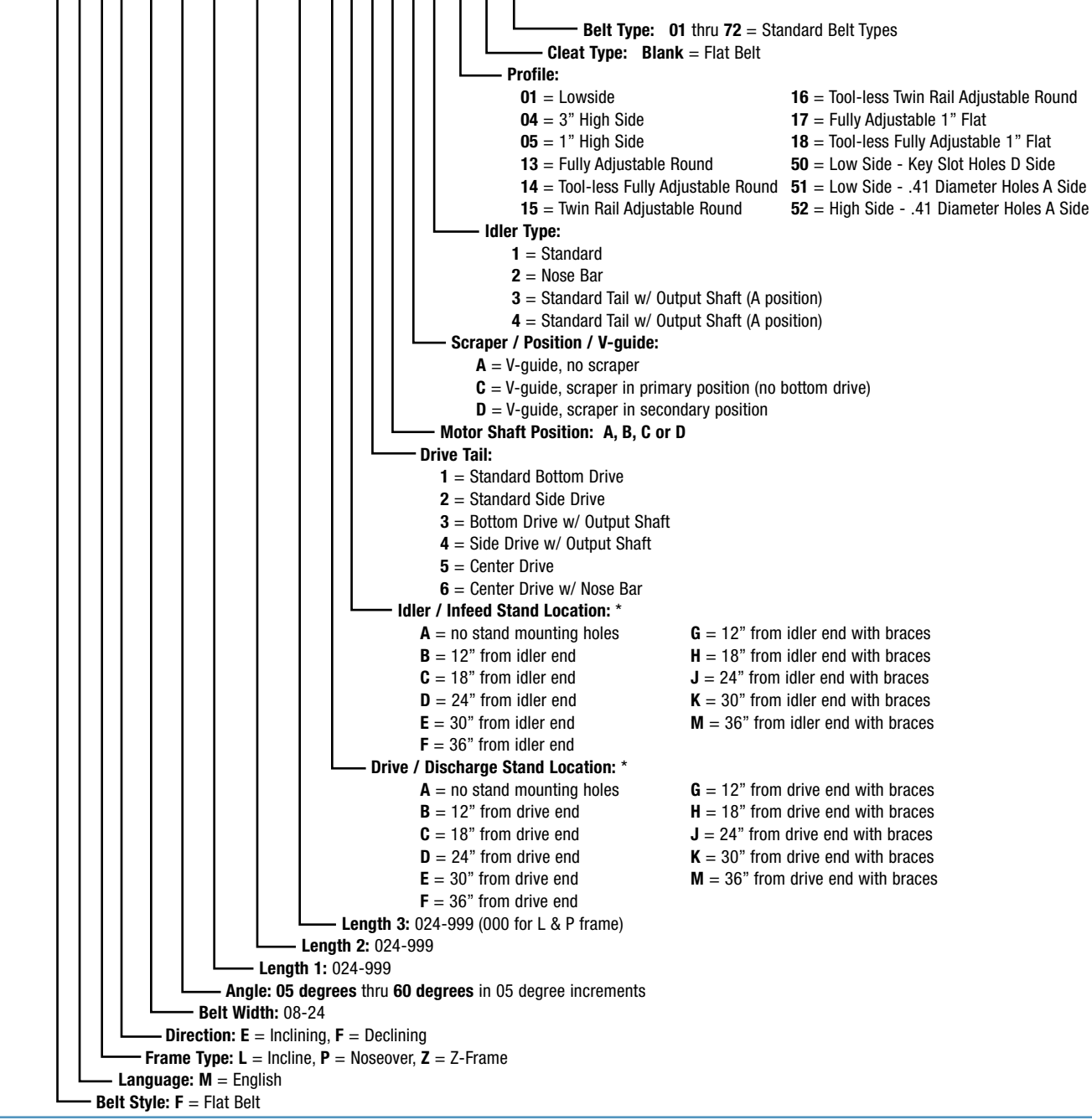
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AquaGard™ 7360 SERIES: PART NUMBER REFERENCE

7360 SERIES: Z-FRAME FLAT BELT CONVEYORS

7 3 6 C M L E W W A L L L L L L C A 1 A S A P P A B T



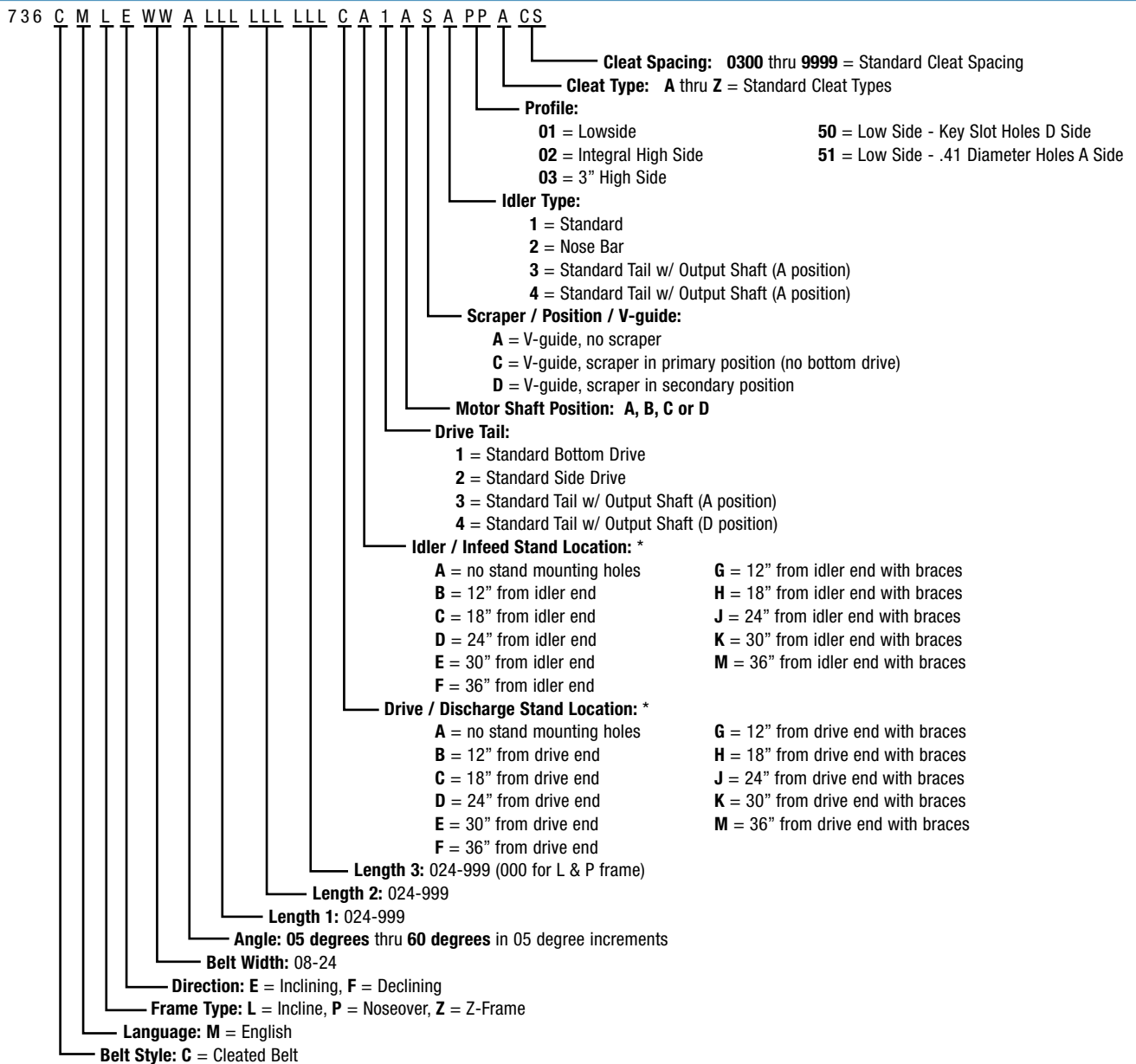
Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

*Stand location may be dependent upon conveyor length

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7360 SERIES: Z-FRAME CLEATED BELT CONVEYORS



Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

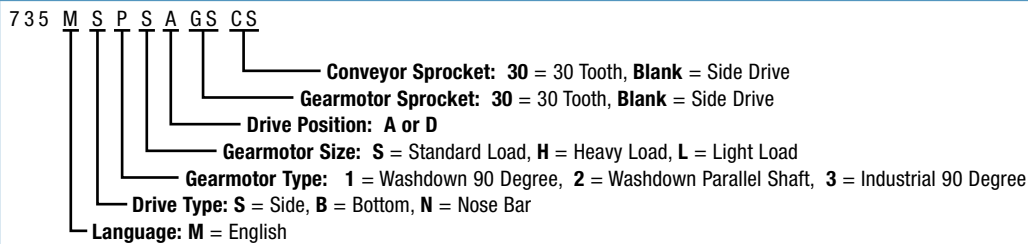
*Stand location may be dependent upon conveyor length

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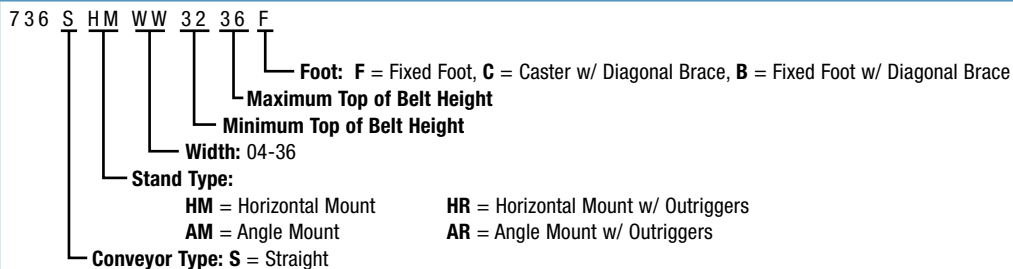
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AquaGard™ 7360 SERIES: PART NUMBER REFERENCE

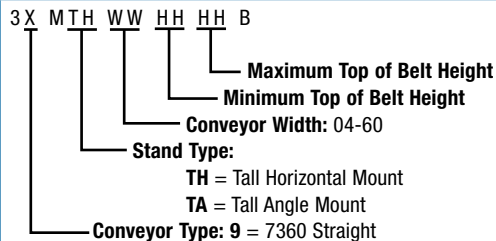
7360 SERIES: GEARMOTOR MOUNT PACKAGES



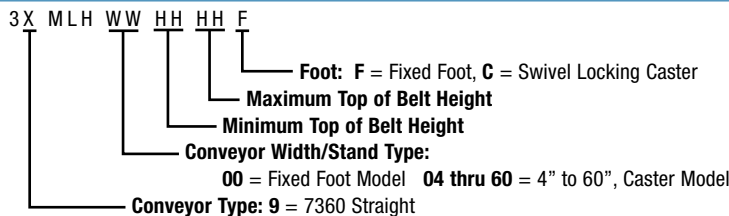
7360 SERIES: SUPPORT STANDS



7360 SERIES: TALL SUPPORT STANDS



7360 SERIES: LOW HEIGHT SUPPORT STANDS



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7360 SERIES: ROLLER TRANSFER PLATE

736ST - WW

Conveyor Width: 04-52

7360 SERIES: OVERHEAD GUIDE

735HG A - LL

Guide Length: 03-10

Guide Type: A = Adjustable, T = Tool-less

7360 SERIES: UPPER GUIDE

735UG A W P - LL

Guide Length: 03-10

Post: V = Vertical post, N = No vertical post

Guide Width: 1 = 5", 2 = 10"

Guide Type: A = Adjustable, T = Tool-less

7360 SERIES: ACCESSORY MOUNTING BAR

735AM - LL

Tail Version: 01 = 1" tail, 03 = 3" tail

7360 SERIES: PHOTO EYE AND REFLECTOR MOUNTING BRACKETS

735 PM - FP

Post Type:

NP = Fixed Post w/o post included

FP = Fixed Post w/ post included

AM = Accessory Mount

Mount Type:

PM = Photoeye Mount

RM = Reflective Mount

CM = Convergent Mount

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

AQUAPRUF SERIES

7400 SANITARY CONVEYORS
STAINLESS STEEL

*Aqua***Pruf**[®]



General Specifications:

- Straight Flat and Cleated Modular Belt Models
- Curved Flat Modular Belt Models
- Z-Frame Flat and Cleated Modular Belt Models (0 to 60°+)
- Loads up to 20 lbs per square foot of belt (90 kg/m²)
- Lengths up to 999" (25,375 mm)
- Widths up to 60" (1,524 mm)
- Continuous TIG welded 304 stainless steel frame



Welded Stainless Steel Construction



Solid UHMW Wear Strips



400 Series Stainless Steel Bearings

7400 SERIES FEATURE OVERVIEW 120

7400 SANITATION & CLEANING OPTIONS 122

MODULAR FLAT BELT 124

MODULAR CLEATED BELT 126

CURVED MODULAR FLAT BELT 128

Z-FRAME MODULAR FLAT BELT 130

Z-FRAME MODULAR CLEATED BELT 132

SANITARY ROLLER CONVEYORS 134

PROFILES 136

BELTING 138

GEARMOTOR MOUNTING PACKAGES 142

GEARMOTORS 144

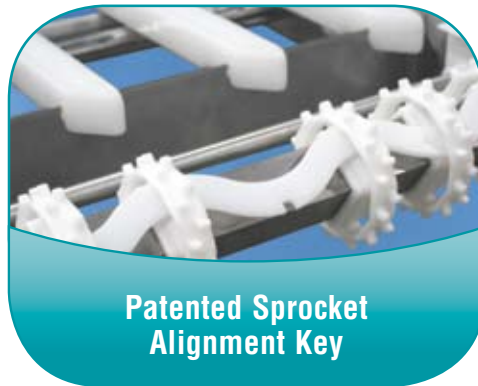
SUPPORT STANDS 146

PART NUMBER REFERENCE 149

Designed to transport Food & Pharmaceutical product with confidence while keeping operators safe.



Eliminates sprocket fasteners and keeps pulleys safe & sanitary.



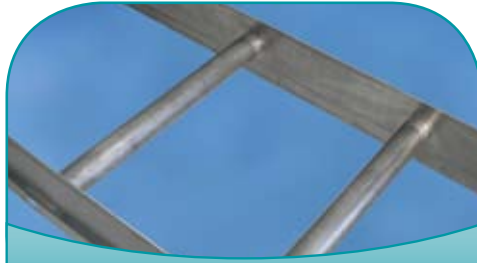
Provides continuous sprocket alignment for quick belt assembly.



For easy cleaning on wide or long conveyors.



For quick release of belt tension.



Round Cross Members

Eliminate horizontal surfaces for complete drainage.



Solid UHMW Wear Strips

Quickly removed without tools for cleaning. Most pieces are identical & completely interchangeable.



Stainless Steel Gearmotors

located outside food zone.



USDA Accepted Open Hinge Modular Belt

Improves cleaning and access to pins.



Stainless Steel Welded Frame Construction

Eliminates fasteners in food zone.
(Continuous TIG welding)

Fast & Effective Sanitation Options for Daily Cleaning

Tool-less Tip-Up Pulley
for quick release of
belt tension

Tool-less Belt Lifters
for easy access to the
inside of the conveyor



Frame Cutouts
for continuous access to
the inside of the conveyor

NO TOOLS REQUIRED!

Total time for cleaning preparation:
30 Seconds

Fast & Effective Sanitation Options for Complete Dis-Assembly & Cleaning



Fully Assembled

to

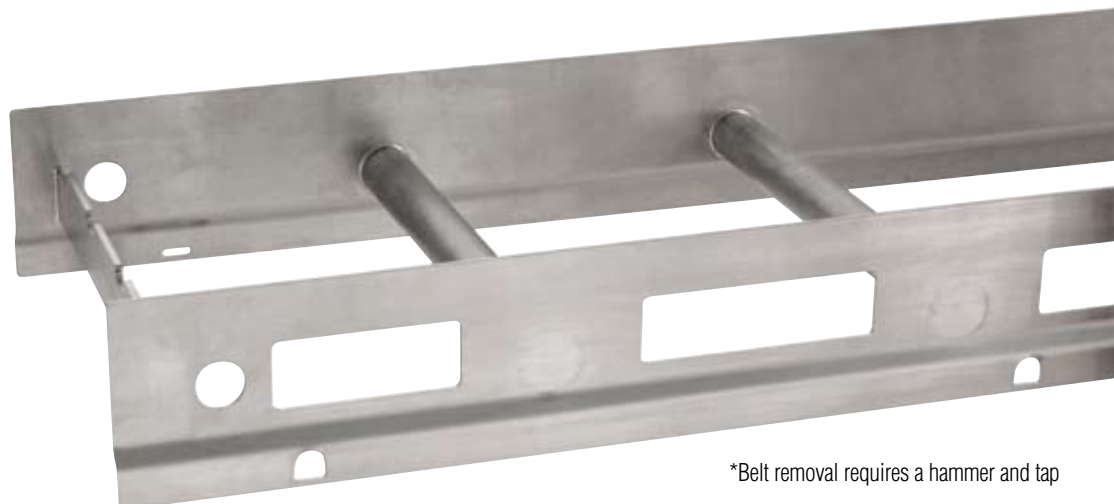
Completely Dis-Assembled in Minutes

Conveyor Cleaning Preparation*

1 Person

3 Minutes Per Section

No Problem!



*Belt removal requires a hammer and tap

Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 60" (1,524 mm)
- Lengths: 36" (914 mm) to 999" (25,375 mm)
- Belt speed: 233 ft/min maximum (71 m/min)
- Wear strip material is UHMW
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components



Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- The return belt supports are segmented plastic slide blocks and are easily removed without tools for effective cleaning.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Nose bar idler ends (optional) are constructed of a machined UHMW bar to provide a 1.5" diameter transfer.
- The nose bar drive configuration (optional) allows the use of the nose bar transfer on each end of the conveyor for small product transfers.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.



**OPTIONAL:
Nose Bar Idler Pulley**

1.5" (38 mm) diameter for tight transfers



**OPTIONAL:
Belt Lifters**

For easy cleaning on wide or long conveyors



**OPTIONAL:
Motorized Pulley**

For fast and effective sanitation

Order gearmotor mounting packages and gearmotors separately; see pages 142-144. For support stands, see pages 146-148.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 149

SANITARY OPTIONS:



NOSE BAR



FRAME CUTOUPS

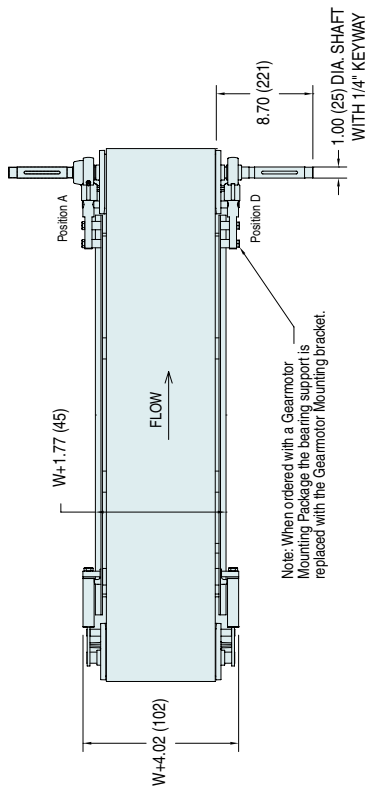


BELT LIFTER

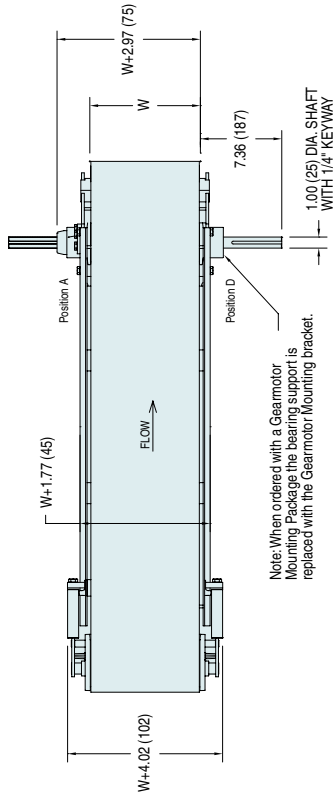


MOTORIZED PULLEY

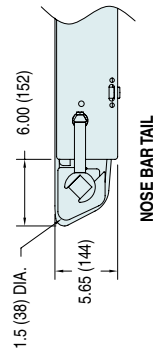
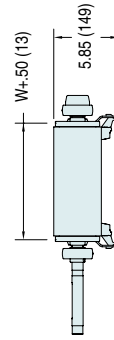
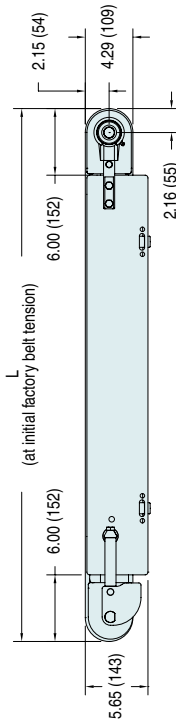
SIDE DRIVE MODEL



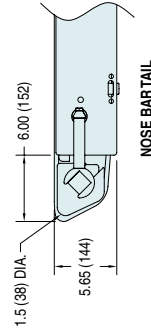
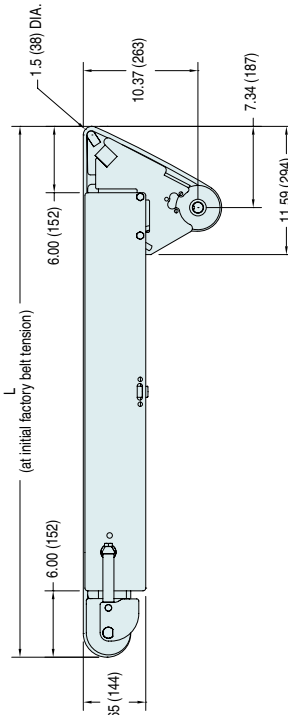
NOSE BAR DRIVE MODEL



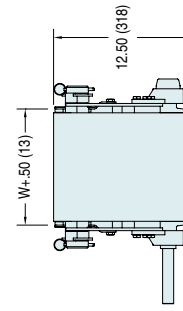
Note: When ordered with a Gearmotor Mounting Package the bearing support is replaced with the Gearmotor Mounting bracket.



NOSE BARTAIL



NOSE BARTAIL

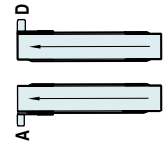


STANDARD SIZES

Conveyor Width Reference	06	02 increments up to ...	60
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	60" (1,524mm)
Conveyor Length Reference	036	001 increments up to ...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to ...	999" (25,375mm)

Note: Nose bar drive conveyors have a minimum conveyor length of 48"

Drive Shaft Position



W = Conveyor Belt Width Dim = in (mm)



Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 24" (610 mm)
- Lengths: 36" (914 mm) to 999" (25,375 mm)
- Belt speed: 233 ft/min maximum (71 m/min)
- Wear strip material is UHMW
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be easily lifted without tools for convenient sanitation.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- The return belt supports are segmented plastic slide blocks and are easily removed without tools for effective cleaning.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.



**OPTIONAL:
Belt Lifters**

For easy cleaning on wide or long conveyors



**OPTIONAL:
Motorized Pulley**

For fast and effective sanitation

Order gearmotor mounting packages and gearmotors separately; see pages 142-144. For support stands, see pages 146-148.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 150

SIDE DRIVE MODEL

SANITARY OPTIONS:



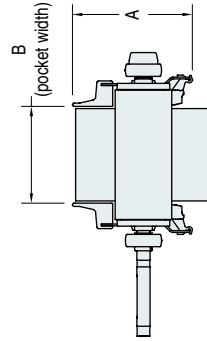
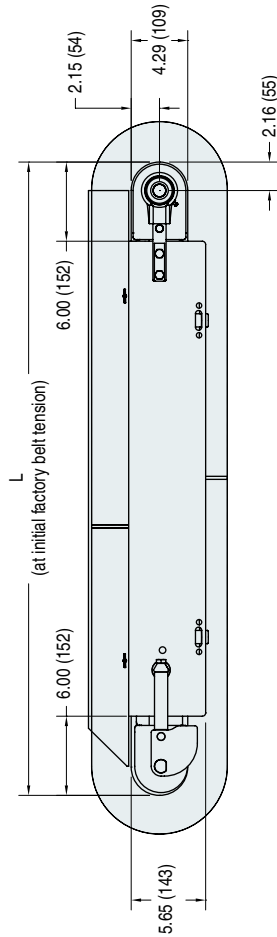
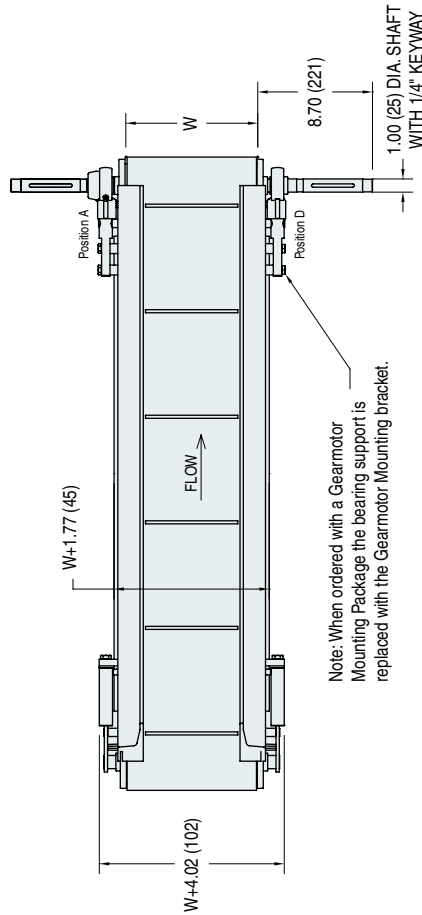
FRAME CUTOUTS



BELT LIFTER



MOTORIZED PULLEY

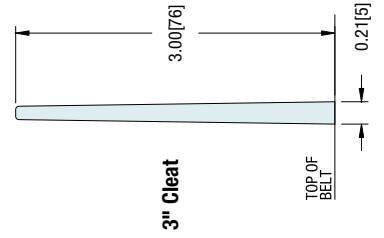
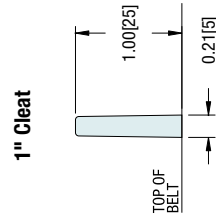


A = 7.43 (189) for 1" Cleats
9.09 (231) for 3" Cleats

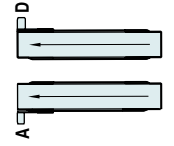
B = W - 2.67 (68) for 1" Cleats 6.00 (152) - 16.00 (406) Wide
W - 2.81 (71) for 1" Cleats 18.00 (457) - 24.00 (610) Wide
W - 2.67 (68) for 3" Cleats 6.00 (152) - 16.00 (406) Wide
W - 2.81 (71) for 3" Cleats 18.00 (457) - 24.00 (610) Wide

W = Conveyor Belt Width Dim = in (mm)

CLEAT PROFILES



Drive Shaft Position



STANDARD SIZES

Conveyor Width Reference	06	02 increments up to ...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	24" (610mm)
Conveyor Length Reference	036	001 increments up to ...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to ...	999" (25,375mm)

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaPruf® 7400 SERIES: CURVED MODULAR FLAT BELT

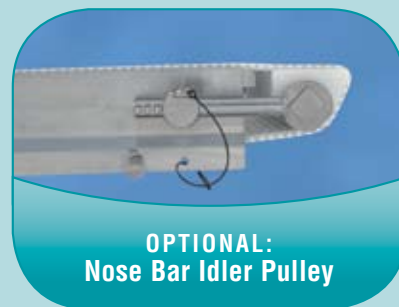
Specifications:

- Loads up to 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 8" (203 mm) to 36" (610 mm)
- Total Lengths up to 999" (25,375 mm)
- Belt speed: 175 ft/min maximum (53 m/min)
- Degree of curves: 15° to 180°
8" and 10" widths available in 30° increments
12" through 36" widths available in 15° increments
- Maximum of 2 curves per conveyor with up to 240° total degrees of turns (*up to 4 curves is possible dependant upon length and degree of curves, consult factory*)
- Wear strip material is UHMW
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components



Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Nose bar idler ends (optional) are constructed of a machined UHMW bar to provide a 1.5" diameter transfer.
- The nose bar drive configuration (optional) allows the use of the nose bar transfer on each end of the conveyor for small product transfers.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.



**OPTIONAL:
Nose Bar Idler Pulley**

1.5" (38 mm) diameter for tight transfers



**OPTIONAL:
Belt Lifters**

For easy cleaning on wide or long conveyors



**OPTIONAL:
Motorized Pulley**

For fast and effective sanitation

Order gearmotor mounting packages and gearmotors separately; see pages 142-144. For support stands, see pages 146-148.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 150

AQUAPRUF 7400 SERIES CURVED MODULAR FLAT BELT

SANITARY OPTIONS:

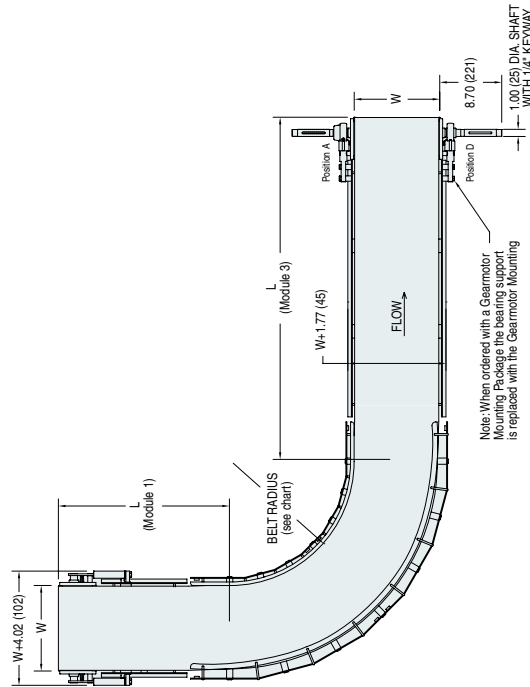


NOSE BAR

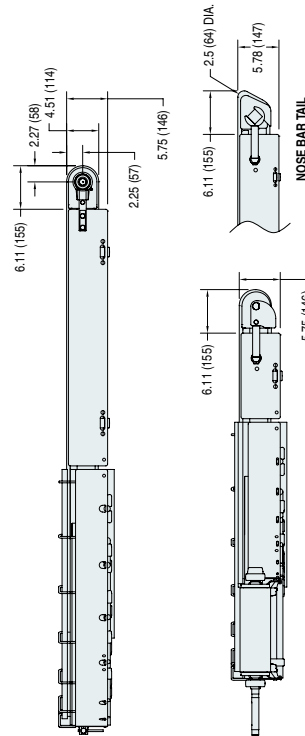


BELT LIFTER

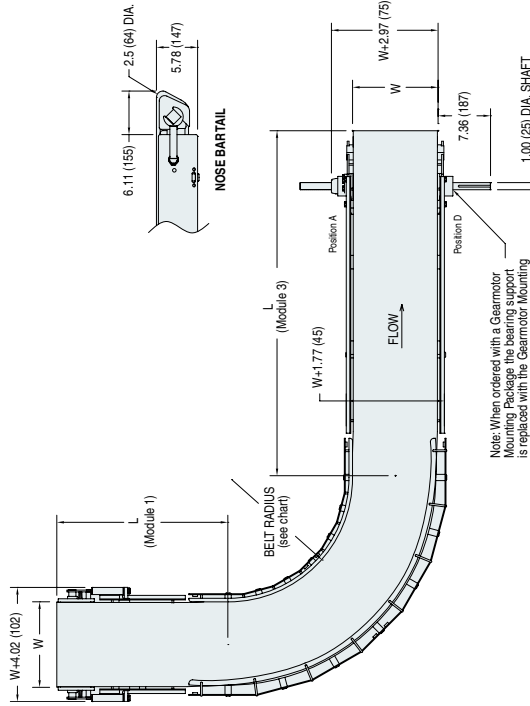
SIDE DRIVE MODEL



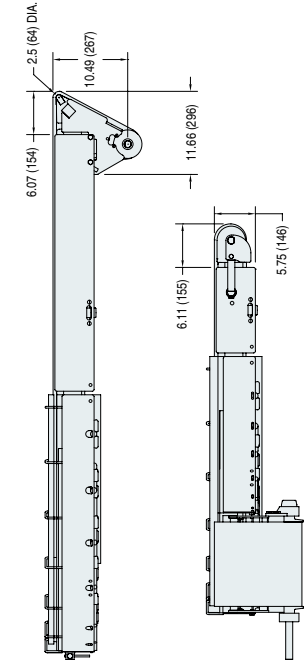
Note: When ordered with a Gearmotor Mounting Package the bearing support is replaced with the Gearmotor Mounting



NOSE BAR DRIVE MODEL



Note: When ordered with a Gearmotor Mounting Package the bearing support is replaced with the Gearmotor Mounting

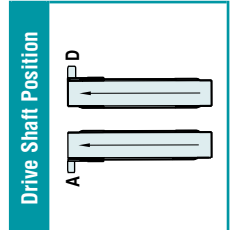


W = Conveyor Belt Width
Dim = in (mm)

Conveyor Width (in)	Belt Radius	
	Standard Belt Radius	Specialty Belt Radius
08	11.1 (281)	13.6 (345)
10	14.0 (357)	17.0 (432)
12	17.3 (440)	20.4 (518)
14	20.6 (524)	23.8 (605)
16	23.9 (607)	27.2 (691)
18	27.2 (692)	30.6 (777)
20	30.5 (774)	34.0 (864)
22	33.7 (857)	37.4 (950)
24	37.0 (941)	40.8 (1,036)
26	40.4 (1,026)	N/A
28	43.5 (1,105)	N/A
30	46.9 (1,191)	N/A
32	50.0 (1,270)	N/A
34	53.5 (1,358)	N/A
36	56.6 (1,438)	N/A

STANDARD SIZES

Conveyor Width Reference	08	02 increments up to ...	36
Conveyor Belt Width (W)	8" (203mm)	2" (51mm) increments up to ...	36" (914mm)
Conveyor Length Reference	020	001 increments up to ...	999
Module Length (L₁)	Greater of 20" (508mm) or 1.5W	1" (25mm) increments up to ...	999" (25,375mm)
Module Length (L₂)	Greater of 36" (914mm) or 2W	1" (25mm) increments up to ...	999" (25,375mm)



For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaPruf® 7400 SERIES: Z-FRAME MODULAR FLAT BELT

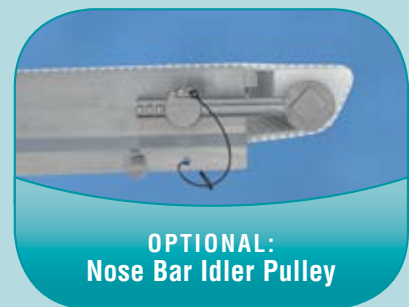


Specifications:

- Loads up to 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 24" (610 mm)
- Section Lengths: 24" (610 mm) to 20' (6.1 m)
- Belt speed: 233 ft/min maximum (71 m/min)
- 5°, 10°, 15° & 30° Fixed Angle Modules standard (*inclines over 5° require friction insert belting*)
- Wear strip material is UHMW
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- The return belt supports are segmented plastic slide blocks and are easily removed without tools for effective cleaning.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Nose bar idler ends (optional) are constructed of a machined UHMW bar to provide a 1.5" diameter transfer.
- The nose bar drive configuration (optional) allows the use of the nose bar transfer on each end of the conveyor for small product transfers.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.



**OPTIONAL:
Nose Bar Idler Pulley**

1.5" (38 mm) diameter for tight transfers



**OPTIONAL:
Belt Lifters**

For easy cleaning on wide or long conveyors



**OPTIONAL:
Motorized Pulley**

For fast and effective sanitation

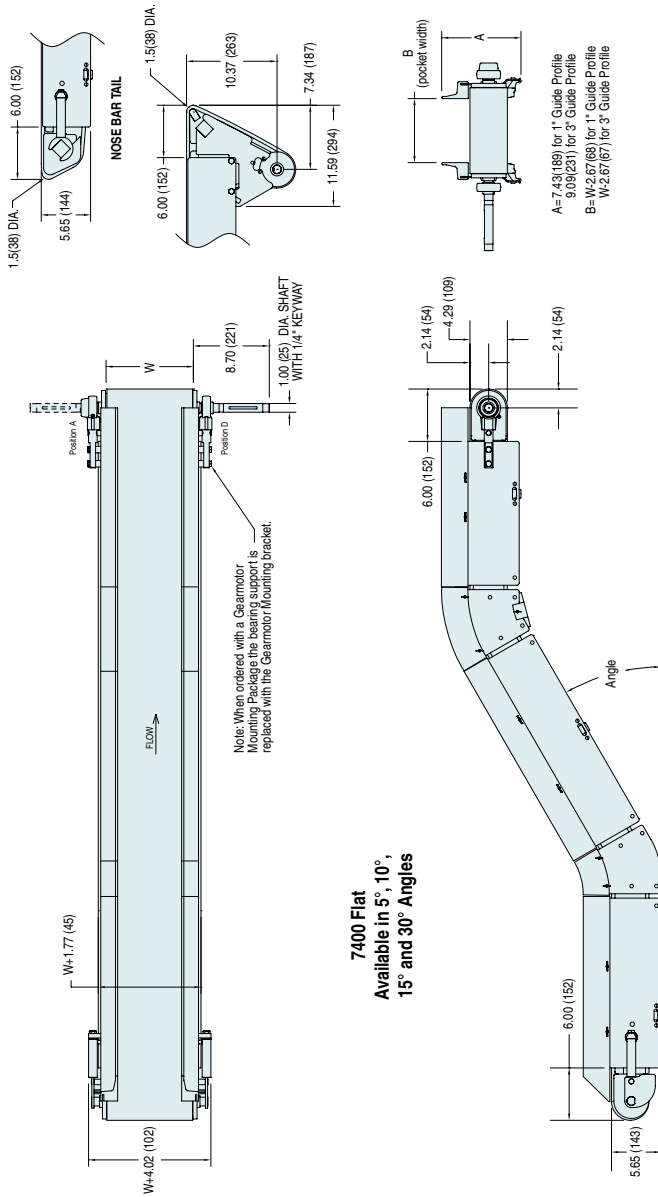
Order gearmotor mounting packages and gearmotors separately; see pages 142-144. For support stands, see pages 146-148.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 152

AQUAPRUF 7400 SERIES Z-FRAME MODULAR FLAT BELT

MODULAR FLAT BELT MODEL

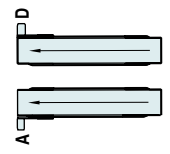


W = Conveyor Belt Width Dim = in (mm)

STANDARD SIZES

Conveyor Width Reference	06	02 increments up to...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to...	24" (610mm)
Conveyor Length Reference	024	001 increments up to...	480
Conveyor Length (L ₁ , L ₂ , L ₃)	24" (610mm)	1" (25mm) increments up to...	480" (12,192mm)

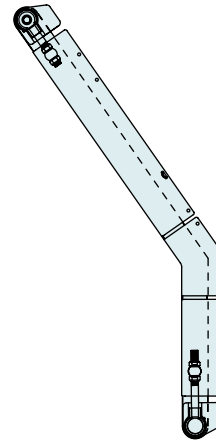
Drive Shaft Position



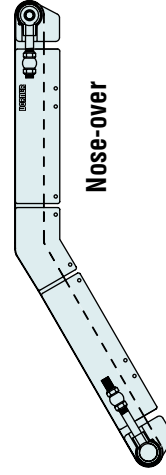
SANITARY OPTIONS:

- NOSE BAR
- FRAME CUTOUTS
- BELT LIFTER
- MOTORIZED PULLEY

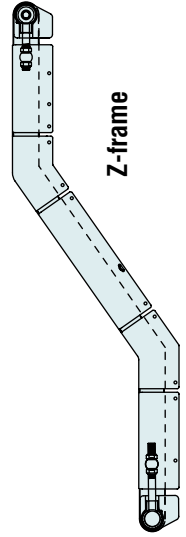
CONFIGURATIONS AVAILABLE



Horizontal to Incline



Nose-over



Z-frame



Specifications:

- Loads up to 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 24" (610 mm)
- Section Lengths: 24" (610 mm) to 20' (6.1 m)
- Total Conveyor Lengths up to 38' (11.6 m)
- Belt speed: 233 ft/min maximum (71 m/min)
- 15°, 30°, 45° & 60° Fixed Angle Modules standard
- Wear strip material is UHMW
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components
- Cleat height available in 25 mm & 76 mm

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be easily lifted without tools for convenient sanitation.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- The return belt supports are segmented plastic slide blocks and are easily removed without tools for effective cleaning.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.



**OPTIONAL:
Belt Lifters**

For easy cleaning on wide or long conveyors



**OPTIONAL:
Motorized Pulley**

For fast and effective sanitation

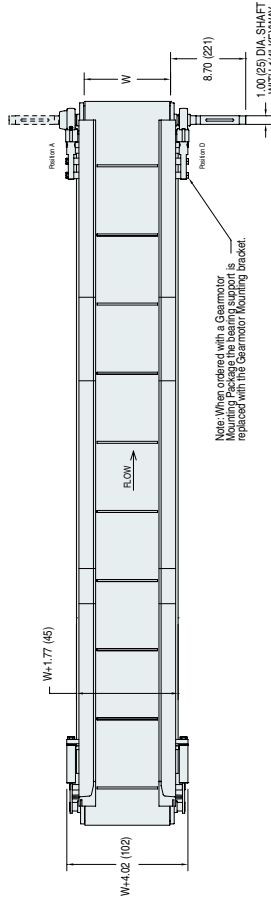
Order gearmotor mounting packages and gearmotors separately; see pages 142-144. For support stands, see pages 146-148.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

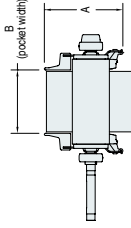
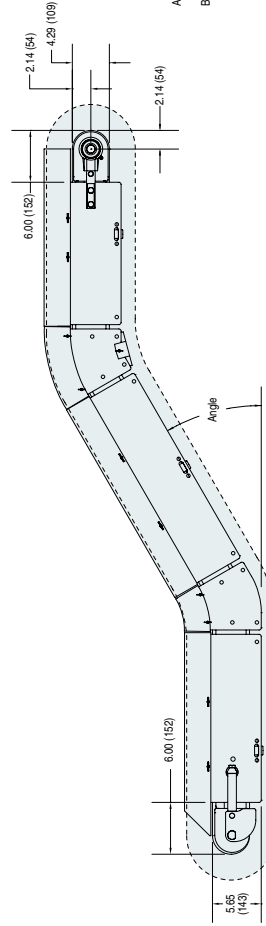
For ordering information, see page 152

AQUAPRUF 7400 SERIES Z-FRAME MODULAR CLEATED BELT

MODULAR CLEATED BELT MODEL



7400 Cleated
Available in 15°, 30°, 45° and 60° Angles



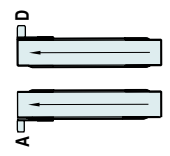
A= 7.43 (188) for 1" Cleats
9.09 (231) for 3" Cleats
B= W- 2.67 (68) for 1" Cleats 6.00 (152) - 16.00 (406) Wide
W- 2.67 (68) for 3" Cleats 6.00 (152) - 16.00 (406) Wide
W- 2.67 (68) for 3" Cleats 18.00 (457) - 24.00 (610) Wide
W- 2.81 (71) for 3" Cleats 18.00 (457) - 24.00 (610) Wide

W = Conveyor Belt Width Dim = in (mm)

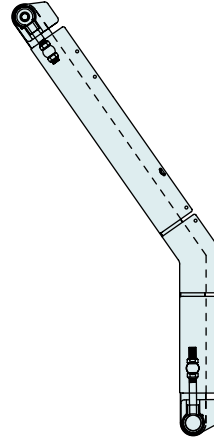
STANDARD SIZES

Conveyor Width Reference	06	02 increments up to...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to...	24" (610mm)
Conveyor Length Reference	024	001 increments up to...	480
Conveyor Length (L₁, L₂, L₃)	24" (610mm)	1" (25mm) increments up to...	480" (12,192mm)

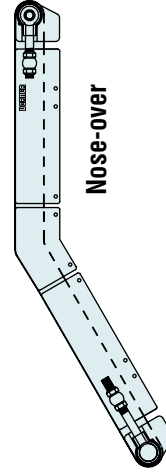
Drive Shaft Position



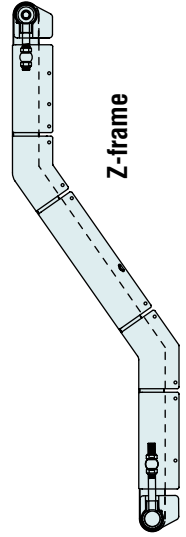
CONFIGURATIONS AVAILABLE



Horizontal to Incline



Nose-over



Z-frame

AquaPruf® 7400 SERIES: SANITARY ROLLER CONVEYORS



Specifications:

- Loads up to 20 lbs/roller
- Roller widths: 8", 12", 18", 24", 30", & 36"
- Conveyor lengths: 36" to 120" in 3" increments
- Frame is all welded with round cross members
- Frames outer surface is a #4 finish with 2B on internal components
- Roller centers 3" and 6"
- Standard Hollow Tube roller 1.9" diameter
- Solid Acetal roller 2" diameter
- Hollow Tube rollers are 304 SS hollow tubes with a 2B finish*
- Solid Acetal roller ends are located in a UHMW guide bar
- Hollow Tube roller ends are spring loaded 7/16" hex shaft
- Stands are stainless steel tube with adjustable foot and thread guards
- Solid Acetal roller is designed to USDA Red Meat & Poultry standards

* **Note:** Hollow Rollers may fill with liquid if sprayed with high pressure cleaners.

Features & Benefits:

- Frame is constructed of continuous TIG welded 304 stainless steel for durability in tough applications
- Integral 1" high side for product containment or low side for maximum flexibility
- Solid Acetal rollers and guides simply lift out of UHMW guide for quick access to frame during cleaning
- Hollow Tube spring loaded roller can be removed quickly for access to frame during cleaning
- Optional welded end stop available for durability

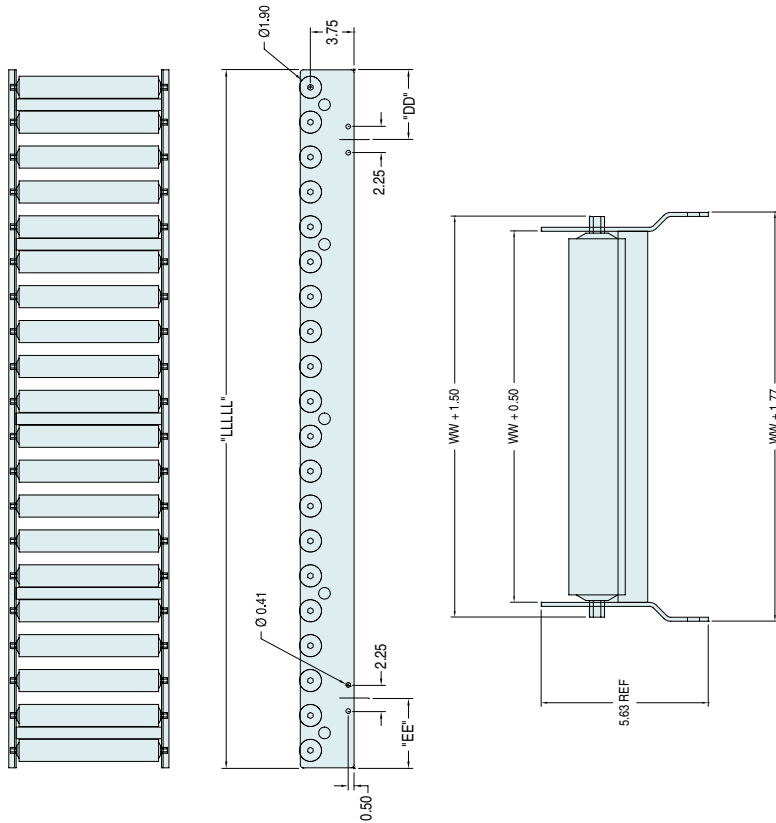


Order gearmotor mounting packages and gearmotors separately; see pages 142-144. For support stands, see pages 146-148.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

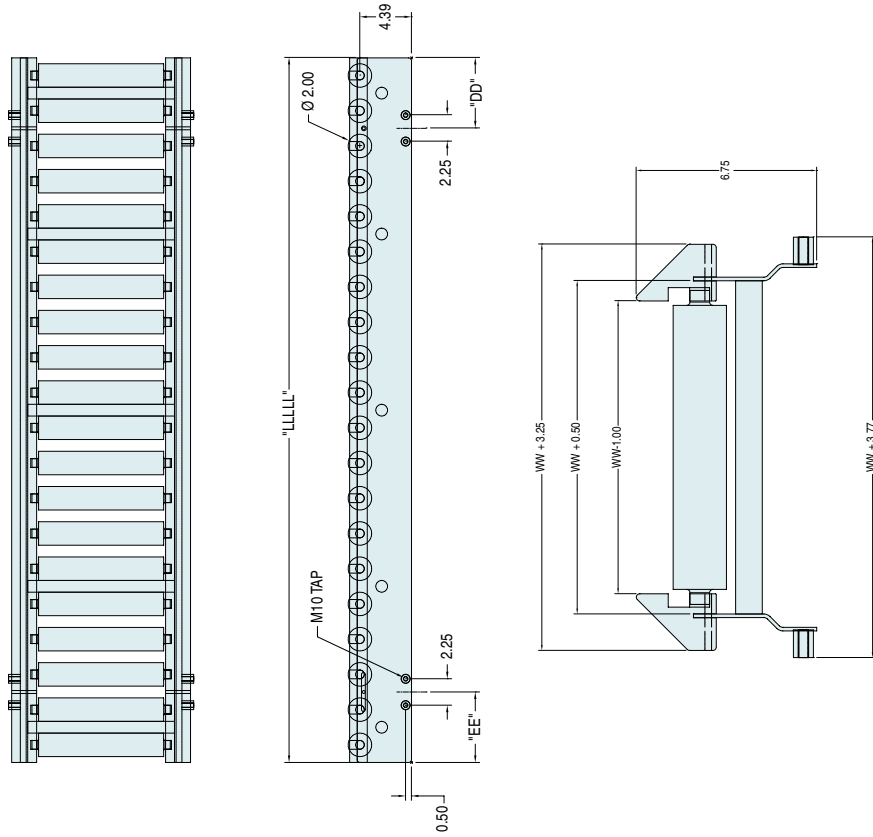
For ordering information, see page 152

HOLLOW TUBE ROLLERS



- * Recommended minimum angle of decline is 5 degrees for products greater than 10 lbs.
- * Recommended minimum angle of decline is 7-10 degrees for products less than 5 lbs.
- * Recommended 3 rollers are in contact with the product.

SOLID ACETAL ROLLERS



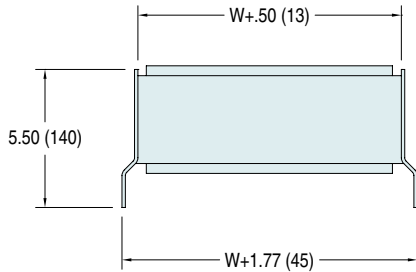
- * Recommended minimum angle of decline is 5 degrees for products greater than 10 lbs.
- * Recommended minimum angle of decline is 10 degrees for products less than 5 lbs.
- * Recommended 3 rollers are in contact with the product.

STANDARD SIZES

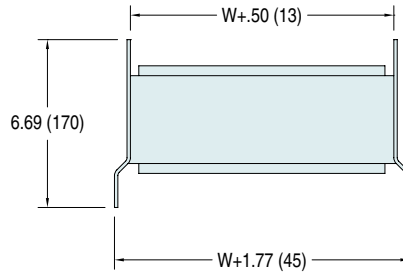
Conveyor Width Reference	08	02 increments up to ...	36
Conveyor Roller Width (W)	6" (152mm)	2" (51mm) increments up to ...	36" (914mm)
Conveyor Length Reference	036	001 increments up to ...	120
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to ...	120" (3,048mm)

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

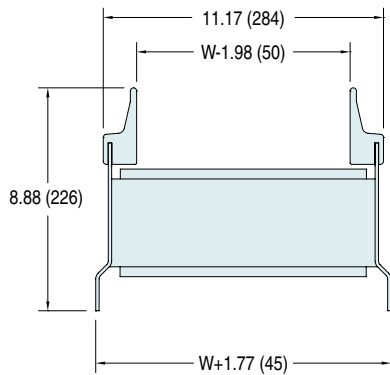
FLAT MODULAR BELT PROFILES



PROFILE 1
LOW SIDE

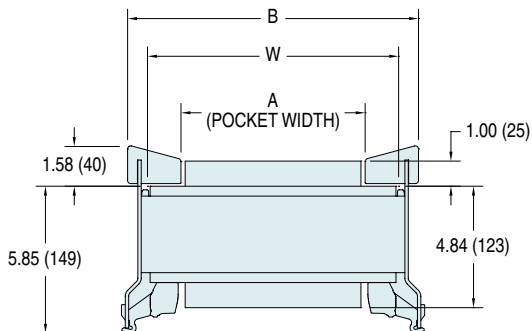


PROFILE 2
HIGH SIDE

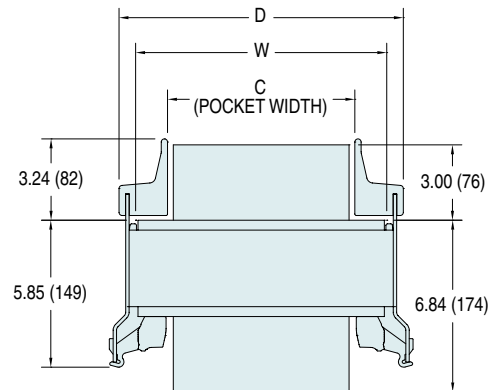


PROFIL F 3

CLEATED MODULAR BELT PROFILES



A= W - 2.56 (65) for 6.00 (152) - 16.00 (406) Wide
 W - 2.72 (69) for 18.00 (457) - 24.00 (610) Wide
B= W + 1.69 (43) for 6.00 (152) - 16.00 (406) Wide
 W + 1.54 (39) for 18.00 (457) - 24.00 (610) Wide

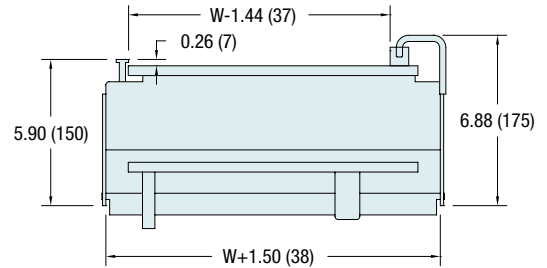


C= W - 2.56 (65) for 6.00 (152) - 16.00 (406) Wide
 W - 2.72 (69) for 18.00 (457) - 24.00 (610) Wide
D= W + 1.34 (34) for 6.00 (152) - 16.00 (406) Wide
 W + 1.18 (30) for 18.00 (457) - 24.00 (610) Wide

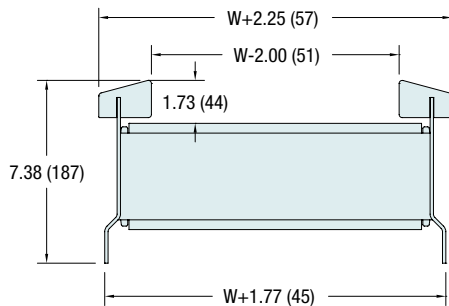
CLEAT WIDTH WILL VARY PER BELT TYPE

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

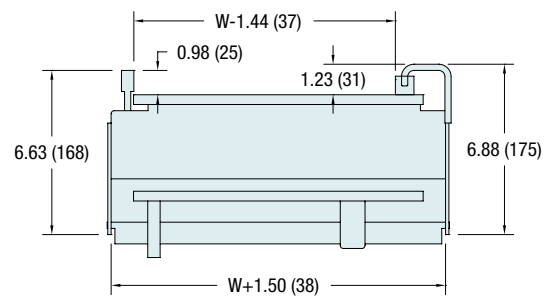
CURVE MODULAR BELT PROFILES



CURVE MODULE PROFILE 1



CURVE STRAIGHT MODULE PROFILE 2



CURVE MODULE PROFILE 2

EASY REMOVAL OF PROFILES



The UHMW profiles are easily removed from the conveyor for sanitation by pulling pins on each end.

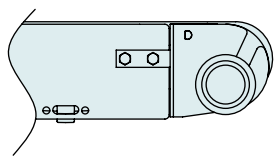
All pins are tethered to the frame to aide in sanitation.



AquaPruf® Sanitary Motorized Pulley Available in 7400, 7600 & ULTIMATE Series

General Specifications

- Motorized Pulley Widths: 12" to 46" in 2" increments
- All external components are stainless steel
- Pulley located in conveyor frame with welded supports
- Pulley supports have quick locating and removal slot
- All frame components are a #4 finish
- Completely sealed components ideal for sanitary applications
- 50,000 hours of operation between oil changes
- 96% mechanically efficient
- Saves up to 30% power consumption over conventional motors
- 230 or 460 Volt 3 Phase
- VFD variable speed capable
- Speeds to 270 feet per minute



MOTORIZED PULLEY TAIL

Features & Benefits

- 304 stainless steel for durability in tough applications
- Sealed drum motor is ideal for heavy duty washdown applications
- Pulley locating supports allow for fast removal and relocating for sanitation
- No fasteners are used to locate sprockets on motorized pulley
- Innovative sprocket locating key way allows for fast and effective sanitation

Progressive Key Sprocket Retention System*

- Locates low profile sprockets in place without the use of set-screws or fasteners
- Eliminates the possibility of fasteners loosening up and falling into the food zone
- The primary key is easily removed by shifting the main retaining ring then each progressive sprocket and key can be removed for fast effective sanitation
- When re-installed the sprockets are automatically located for proper mating with the conveyor chain
- Retention System works for both plastic chain and positive driven urethane belting

*Patent Pending

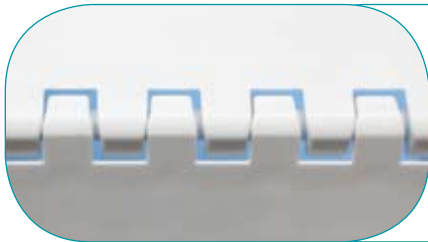
For ordering information, see page 153

Dorner's Standard Modular Belting offers these valuable advantages:



Oblong Hole

improves access to hinge area during sanitation.



Open Hinge Design

allows easy cleaning through an enlarged hinge gap.



Friction Inserts

are available for incline applications. Inserts may be placed along entire length of the belt or spaced for belt drainage.

Friction inserts are indented 2" (51 mm) from each belt edge.



Flat Top Belts

provide a very closed surface for complete product support and easy wiping.



Flush Grid Belts

provide an open surface for better drainage, cleaning and sanitation.

Standard Modular Belt Options

Belt Type	Part Number Reference	Description	% Open	Pitch in (mm)	Belt Thickness in (mm)	Color	Belt Material	Rod Material	Minimum Product Temperature F(C)****	Maximum Product Temperature F(C)****	FDA / CFIA Approved*	Chemical Resistance	Wear Resistance	Maximum Incline / Decline (degrees)**	Nose Bar Idler Diameter in (mm)	
Straight Flat Belts	Standard Drive & Idler Pulley	MA	Flat top	0	1.0 (25)	0.43 (11)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	N/A
		MB	Flat top	0	1.0 (25)	0.43 (11)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	N/A
		MC	Flush Grid	35	1.0 (25)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	N/A
		MD	Flush Grid	35	1.0 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	N/A
	Nose Bar Drive or Nose Bar Idler	MG	Flat top	0	0.5 (13)	0.39 (10)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	0.75 (19)
		MH	Flat top	0	0.5 (13)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	0.75 (19)
		MJ	Flush Grid	25	0.5 (13)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	0.75 (19)
		MK	Flush Grid	25	0.5 (13)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	0.75 (19)
Cleated Straight Belts (see page 125 for cleat options)	Standard Drive & Idler Pulley	NA	Flat top w/ 1" Cleats	0	1.0 (25)	0.43 (11)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	45****	N/A
		NB	Flat top w/ 1" Cleats	0	1.0 (25)	0.43 (11)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45****	N/A
		NC	Flat top w/ 3" Cleats	0	1.0 (25)	0.43 (11)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	45****	N/A
		ND	Flat top w/ 3" Cleats	0	1.0 (25)	0.43 (11)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45****	N/A
		NE	Flush Grid w/ 1" cleats	35	1.0 (25)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	45****	N/A
		NF	Flush Grid w/ 1" cleats	35	1.0 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45****	N/A
		NG	Flush Grid w/ 3" cleats	35	1.0 (25)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	45****	N/A
		NH	Flush Grid w/ 3" cleats	35	1.0 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45****	N/A
Friction Top Straight Belts	Standard & Nose Bar Idler Pulley	SEE TABLE BELOW	Flat top w/ friction inserts	0	1.0 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	1.6 (41)
		SEE TABLE BELOW	Flush Grid w/ friction inserts	35	1.0 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	1.6 (41)
Curved Flat Belts	Standard & Nose Bar Idler Pulley	MR	Tight Radius	35	1.0 (25)	0.50 (13)	White	Acetal	Nylon	-40 (-40)	215 (102)	Y	Good	V-Good	N/A	1.6 (41)
		MS	Tight Radius	35	1.0 (25)	0.50 (13)	White	Polypropylene	Acetal	40 (5)	275 (135)	Y	V-Good	Good	N/A	1.6 (41)

* FDA = Food and Drug Administration, CFIA = Canadian Food Inspection Agency

** Temperature, environmental conditions, product materials and product configuration effect the maximum incline or decline. Product testing is recommended.

*** Inclines / declines of higher than 45 degrees require wearstrip modifications. Consult factory for details.

**** These do not indicate ambient running conditions. Ambient temperature range is 30 to 100 F (-1 to 38 C).

Product temperature is dependent on length of time product is in direct contact with belt surface. Product testing is recommended.

FRICION TOP STRAIGHT MODULAR BELT: Part number reference chart

Flat Top w/ Friction Inserts Part Number Reference	TA	TB	TC	TD	TE
Flush Grid w/ Friction Inserts Part Number Reference	N/A	TF	TG	TH	TJ
Friction Insert Spacing [links]	1	2	4	6	12
Friction Insert Spacing	1" (25 mm)	2" (51 mm)	4" (102 mm)	6" (152 mm)	12" (305 mm)

Dorner's Specialty Modular Belt Program offers Intralox® Options and other Manufacturers for Added Flexibility. Please call to inquire.

Specialty Modular Belt Options

Belt Type	Part Number Reference	Description	% Open	Pitch in (mm)	Belt Thickness in (mm)	Color	Belt Material	Rod Material	Minimum Product Temperature F(C)****	Maximum Product Temperature F(C)****	FDA Approved*	CFIA Approved*	Chemical Resistance	Wear Resistance	Maximum Incline / Decline (degrees)**	Nose Bar Idler Diameter in (mm)	Manufacturer / Series	
Straight Flat Belts	Standard Drive & Idler Pulley	PA	Flat top	0	1.0 (25)	0.40 (10)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y		Good	V-Good	5	N/A	Intralox 1600
		PB	Flat top	0	1.0 (25)	0.40 (10)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y		V-Good	Good	5	N/A	Intralox 1600
		PC	Flush Grid	28	0.6 (15)	0.34 (9)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	5	N/A	Intralox 1100
		PD	Flush Grid	28	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y	Y	V-Good	Good	5	N/A	Intralox 1100
	Nose Bar Drive and/or Nose Bar Idler	PJ	Flat top	0	0.6 (15)	0.34 (9)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	5	0.75 (19)	Intralox 1100
		PK	Flat top	0	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y	Y	V-Good	Good	5	0.75 (19)	Intralox 1100
		PL	Flush Grid	28	0.6 (15)	0.34 (9)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	5	0.75 (19)	Intralox 1100
		PM	Flush Grid	28	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y	Y	V-Good	Good	5	0.75 (19)	Intralox 1100
Cleated Straight Belts (see page 125 for cleat type options)	Standard Drive & Idler Pulley	RA	Flat top w/ 1" Cleats	0	1.0 (25)	0.40 (10)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y		Good	V-Good	45***	N/A	Intralox 1600
		RB	Flat top w/ 1" Cleats	0	1.0 (25)	0.40 (10)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y		V-Good	Good	45***	N/A	Intralox 1600
		RC	Flat top w/ 3" Cleats	0	1.0 (25)	0.40 (10)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y		Good	V-Good	45***	N/A	Intralox 1600
		RD	Flat top w/ 3" Cleats	0	1.0 (25)	0.40 (10)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y		V-Good	Good	45***	N/A	Intralox 1600
		RE	Flush Grid w/ 1" cleats	28	0.6 (15)	0.34 (9)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	45***	N/A	Intralox 1100
		RF	Flush Grid w/ 1" cleats	28	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y	Y	V-Good	Good	45***	N/A	Intralox 1100
Curved Flat Belts****	Standard & Nose bar Idler Pulley	PT	Tight Radius	42	1.0 (25)	0.5 (13)	White	Acetal	Nylon	-40 (-40)	215 (102)	Y		Good	V-Good	N/A	1.6 (41)	Intralox 2400
		PU	Tight Radius	42	1.0 (25)	0.5 (13)	White	Polypropylene	Acetal	34 (1)	275 (135)	Y		V-Good	Good	N/A	1.6 (41)	Intralox 2400

* FDA = Food and Drug Administration, CFIA = Canadian Food Inspection Agency.

** Temperature, environmental conditions, product materials and product configuration effect the maximum incline or decline. Product testing is recommended.

*** Inclines / declines of higher than 45 degrees require wearstrip modifications. Consult factory for details.

**** These do not indicate ambient running conditions. Ambient temperature range is 30 to 100 F (-1 to 38 C).

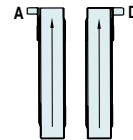
Product temperature is dependent on length of time product is in direct contact with belt surface. Product testing is recommended

***** Type PT and PU Belts are available up to 24" wide only.

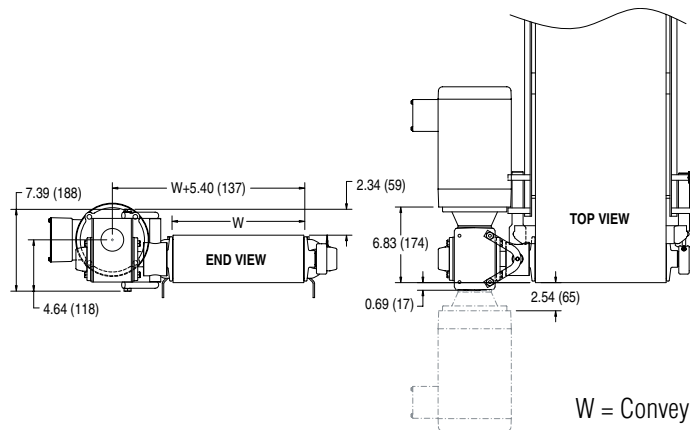
GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

- Step 1:** Select a **Gearmotor Mounting Package** (page 142).
- Step 2:** Locate the appropriate gearmotor chart (pages 143-144) in terms of **Painted vs. Stainless Steel** and **Fixed Speed vs. Variable Speed**.
- Step 3:** Use the **Belt Speed Column** to locate the **Part Number** for your desired Gearmotor.

Drive Shaft Position

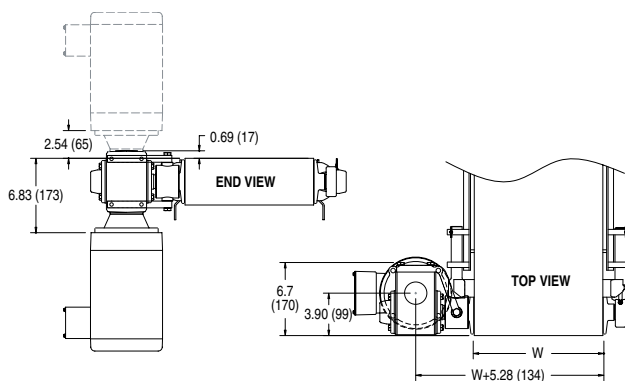


Horizontal Side Drive Mount



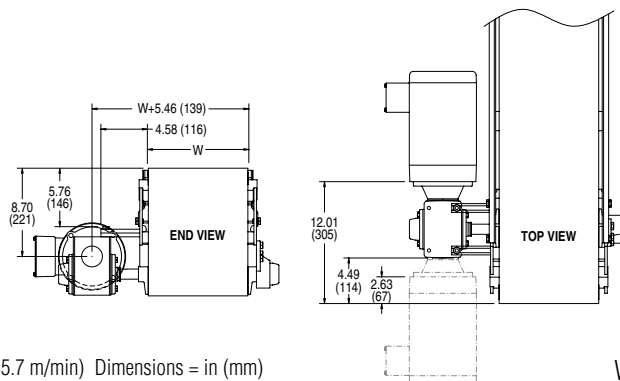
W = Conveyor Belt Width

Vertical Side Drive Mount



W = Conveyor Belt Width

Nose Bar Drive Mount



W = Conveyor Belt Width

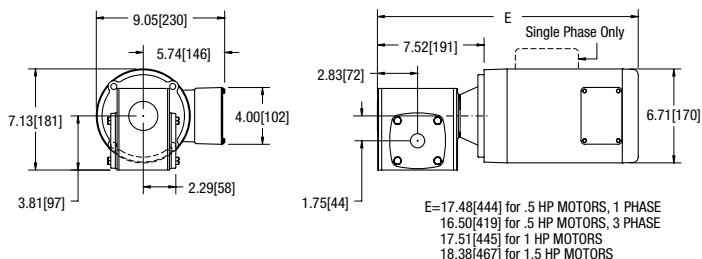
Note: Nose Bar Drive Belt Speed is Limited to 117 ft/min (35.7 m/min) Dimensions = in (mm)

For ordering information, see page 153

STANDARD LOAD, FIXED SPEED

Chart 1 Painted Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order optional Manual Motor Starter separately, see page 145
- 0.5 Hp 230 / 460 V, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase

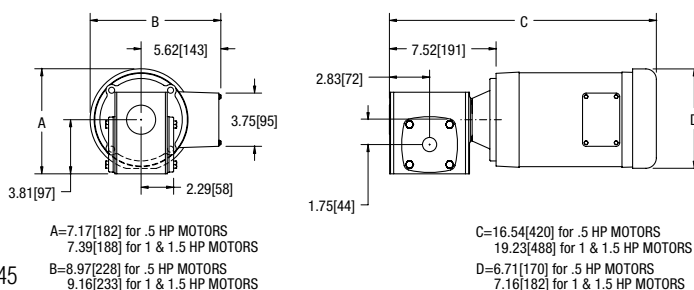


Part Number	Belt Speed		RPM	1 Phase			3 Phase			in.-lbs.	Nm
	Ft/min	m/min		Hp	kW	FLA	Hp	kW	FLA		
74M080HS4(vp)FN	22	6.7	22	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	356	40.2
74M060HS4(vp)FN	29	8.8	29	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	442	49.9
74M040HS4(vp)FN	44	13.4	44	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	486	54.9
74M030HS4(vp)FN	58	17.7	58	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	487	55.0
74M020HS4(vp)FN	87	26.5	87	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	407	46.0
74M015HS4(vp)FN	117	35.7	117	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	470	53.1
74M010HS4(vp)FN	175	53.3	175	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	442	49.9
74M007HS4(vp)FN	233	71.0	233	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	360	40.7

(vp) = voltage and Phase 11 = 115 / 208-230, 1 Phase 23 = 0.5 HP: 230 / 460 Volts, 3 Phase; 1.0 & 1.5 HP: 208-230 / 460 Volts, 3 Phase

Chart 2 Stainless Steel Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- 208-230 / 460 V, 3 Phase
- Order optional Manual Motor Starter separately, see page 145
- 0.5 Hp 230 / 460 V, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 V, 3 Phase



Part Number	Belt Speed		RPM	3 Phase				in-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HZS423FN	22	6.7	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HZS423FN	29	8.8	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HZS423FN	44	13.4	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HZS423FN	58	17.7	58	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HZS423FN	87	26.5	87	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	407	46.0
74M015HZS423FN	117	35.7	117	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HZS423FN	175	53.3	175	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	442	49.9
74M007HZS423FN	233	71.0	233	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	360	40.7

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

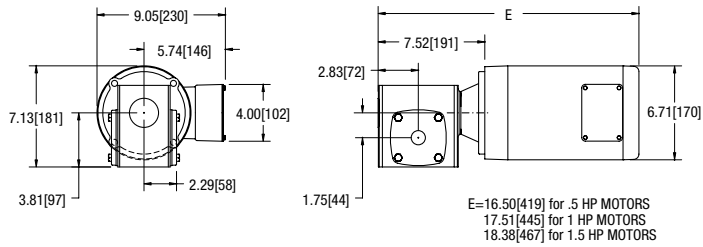
HIGHLIGHT

Highlighted gearmotors are not available with Nose Bar Idler tail.
 Maximum Nose Bar speed is 117 ft/min (35.7 m/min)

STANDARD LOAD, VARIABLE SPEED

Chart 3 Painted Gearmotor

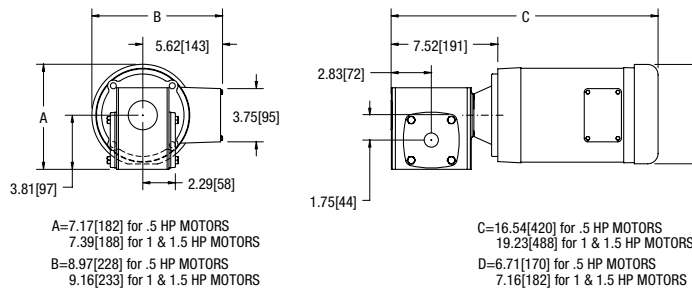
- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order control separately, see page 145



Part Number	Belt Speed		RPM	3 Phase				in-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HS423EN	2 to 22	0.6 to 6.7	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423EN	3 to 29	0.9 to 8.8	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423EN	5 to 44	1.3 to 13.4	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423EN	6 to 58	2.0 to 17.7	58	1	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M020HS423EN	9 to 87	2.6 to 26.5	87	1	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M015HS423EN	12 to 117	3.6 to 35.7	117	1	0.74	208-230 / 460	3.5-3.2 / 1.6	470	53.1
74M010HS423EN	18 to 175	5.3 to 53.3	175	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	442	49.9
74M007HS423EN	23 to 233	7.1 to 71.0	233	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	360	40.7

Chart 4 Stainless Steel Gearmotor

- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- Order control separately, see page 145



Part Number	Belt Speed		RPM	3 Phase				in-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HVS423EN	2 to 22	0.6 to 6.7	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HVS423EN	3 to 29	0.9 to 8.8	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HVS423EN	5 to 44	1.3 to 13.4	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HVS423EN	6 to 58	2.0 to 17.7	58	1	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HVS423EN	9 to 87	2.6 to 26.5	87	1	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M015HVS423EN	12 to 117	3.6 to 35.7	117	1	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HVS423EN	18 to 175	5.3 to 53.3	175	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	442	49.9
74M007HVS423EN	23 to 233	7.1 to 71.0	233	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	360	40.7

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

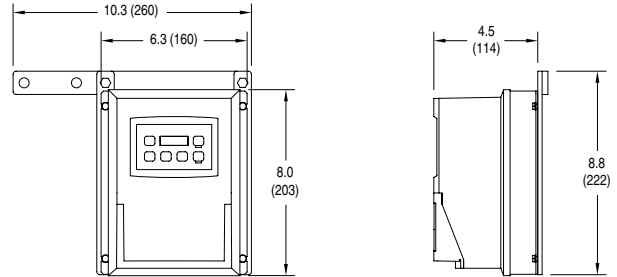
HIGHLIGHT

Highlighted gearmotors are not available with Nose Bar Idler tail.
Maximum Nose Bar speed is 117 ft/min (35.7 m/min)

VARIABLE SPEED CONTROLLER

Chart A Variable Speed Controllers

- Variable Frequency Drive
- Nema 4X Enclosure
- Stainless steel enclosure and mounting hardware
- Digital Display
- Keypad with Start/Stop and Speed variation
- Includes cord to motor
- Power to controller by others
- UL Approved

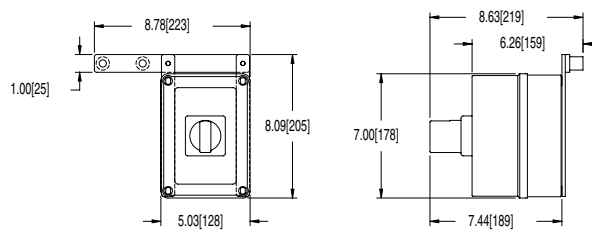


Part Number	Input			Output		Max Hp	Max Amps	A (width)	B (depth)
	Volts	Phase	Hz	Volts	Phase				
74MV1122S	115	1	60	230	3	0.5	2.2	7.9 (200)	3.8 (96)
74MV2322S	230	3	60	230	3	0.5	2.2	6.1 (155)	4.4 (112)
74MV1121S	115	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV2121S	230	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV4341S	460	3	60	460	3	1.0	2.0	6.1 (155)	4.4 (112)
74MV2127S	230	1	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV2327S	230	3	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV4347S	460	3	60	460	3	2.0	3.4	7.9 (200)	4.9 (124)

MANUAL MOTOR STARTER

Chart B Manual Motor Starter

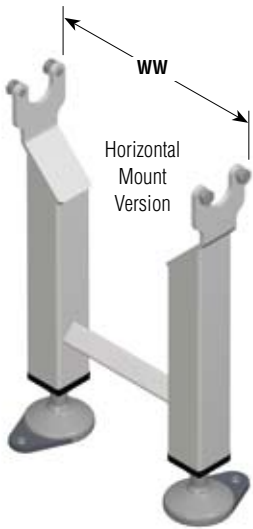
- Nema 4X Plastic Enclosure
- Stainless Steel mounting hardware
- IP 66
- Start / Stop Switch
- Lock out tag out capable
- Includes wiring to Motor
- Power to Starter by others
- No plug/cord set included



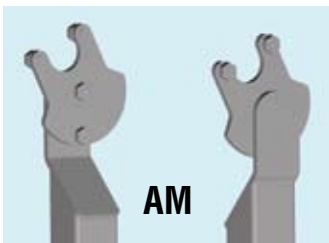
Part Number	Input			FLA
	Volts	Phase	Hz	
74MM11F	115	1	60	6.3 - 10
74MM21D	208-230	1	60	2.5 - 3.9
74MM23A	208-230	3	60	0.63 - 0.99
74MM23B	208-230	3	60	1.0 - 1.59
74MM23C	208-230	3	60	1.6 - 2.4
74MM23D	208-230	3	60	2.5 - 3.9
74MM23E	208-230	3	60	4.0 - 6.3
74MM43A	460	3	60	1.6 - 2.4
74MM43B	460	3	60	2.5 - 3.9
74MM43C	460	3	60	0.63 - 0.99
74MM43D	460	3	60	1.0 - 1.59

FLA = Full Load Amperes

AquaPruf® 7400 SERIES: SUPPORT STANDS



Horizontal Mount



Incline Mount



Bracket Mount

Straight Conveyor Support Stands

- Horizontal Mount Version for direct conveyor mounting, conveyor must be level (Mount directly to conveyor)
- Foot self-aligns 10° for sloped floors
- All components are stainless steel brushed to #4 finish
- Incline Mount Version for angled conveyor applications
- Sanitary Support Stands do not require mounting brackets

Support Stand Quantity Charts

7400 Straight Conveyors

- See table below for Stand Requirements

Conveyor Length	Number of Supports
20" (0.5m) - 30" (0.8m)	1
31" (0.8m) - 132" (3.4m)	2
133" (3.4m) - 252" (6.4m)	3
253" (6.4m) - 372" (9.4m)	4
373" (9.5m) - 492" (12.5m)	5
493" (12.5m) - 612" (15.5m)	6
613" (15.6m) - 732" (18.6m)	7
733" (18.6m) - 852" (21.6m)	8
853" (21.7m) - 972" (24.7m)	9
973" (24.7m) - 999" (25.4m)	10

7400 Curved Conveyors

- Straight modules must have stands near ends and at frame section joints
- See table below for Curve Modules Stand Requirements

7400 Curve Modules Stand Requirements

Degree of Curve	Belt Width															
	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	
15	n/a	n/a	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
45	n/a	n/a	0	0	0	0	0	0	0	0	0	0	0	0	0	
60	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
75	n/a	n/a	1	1	1	1	1	1	1	1	1	1	1	1	1	
90	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
105	n/a	n/a	1	1	1	1	1	1	1	2	2	2	2	2	2	
120	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	
135	n/a	n/a	2	2	2	2	2	2	2	2	2	2	2	2	2	
150	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	
165	n/a	n/a	3	3	3	3	3	3	3	3	3	3	3	3	3	
180	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	

Straight Conveyor Fixed Foot Model

Conveyor Width	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	60" (1,524)
WW Part # Reference	06	08	10	12	14	02 increments up to...	60
HM							
Stand Width	15.85" (403)	17.85" (453)	19.85" (504)	21.85" (555)	23.4" (594)	2" (51) increments up to...	69.4" (1,762)
Top of Belt Height	19-23" (483-584)			1" (25) increments up to...			70-74" (1,778-1,880)
HH Part # Reference	1923			0101 increments up to...			7074
AM							
Stand Width	17.81" (452)	19.81" (503)	21.81" (554)	23.81" (605)	25.8" (655)	2" (51) increments up to...	71.8" (1,823)
Top of Belt Height	19-23" (483-584)			1" (25) increments up to...			70-74" (1,778-1,880)
HH Part # Reference	1923			0101 increments up to...			7074
BM							
Stand Width	10.25" (260)	12.25" (311)	14.25" (362)	16.25" (413)	18.25" (464)	2" (51) increments up to...	64.25" (1,632)
Top of Belt Height	13-17" (330-432)				or		16-20" (406-508)
HH Part # Reference	1317				or		1620

Straight Conveyor Swivel Locking Caster Model*

Conveyor Width	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	60" (1,524)
WW Part # Reference	06	08	10	12	14	02 increments up to...	60
HM							
Stand Width	15.85" (403)	17.85" (453)	19.85" (504)	21.85" (555)	23.4" (594)	2" (51) increments up to...	69.4" (1,762)
Top of Belt Height	24-28" (610-711)			1" (25) increments up to...			70-74" (1,778-1,880)
HH Part # Reference	2428			0101 increments up to...			7074
AM							
Stand Width	17.81" (452)	19.81" (503)	21.81" (554)	23.81" (605)	25.8" (655)	2" (51) increments up to...	71.8" (1,823)
Top of Belt Height	24-28" (610-711)			1" (25) increments up to...			70-74" (1,778-1,880)
HH Part # Reference	2428			0101 increments up to...			7074
BM							
Stand Width	10.25" (260)	12.25" (311)	14.25" (362)	16.25" (413)	18.25" (464)	2" (51) increments up to...	64.25" (1,632)
Top of Belt Height	18-22" (457-559)				or		21-25" (553-635)
HH Part # Reference	1822				or		2125

Note: HH is to Conveyor Top of Belt. * Some caster model support stands are equipped with integrated outriggers. Contact factory for details.

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

For ordering information, see page 153

TALL SUPPORT STANDS

Fixed Foot Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Foot *	(0.263)(HH max) + (WW + 6) inches				
Top of Belt (Minimum)	71" (1,803)	72" (1,829)	73" (1,854)	in 1" (25mm) increments up to...	95" (2,413)
Top of Belt (Maximum)	75" (1,905)	76" (1,930)	77" (1,956)	in 1" (25mm) increments up to...	99" (2,515)
HHHH Part Number	7175	7276	7377	in 01 increments up to...	9599



Horizontal Mount



Adjustable Mount

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications
- Includes Diagonal Brace for stability
- Tall Support Stands require the use of floor anchors

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.



Horizontal Mount Tall Stand

LOW HEIGHT SUPPORT STANDS

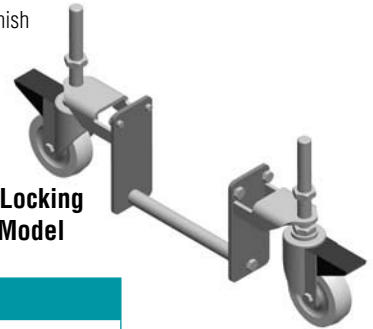
Fixed Foot Model

Top of Belt (Minimum)	7" (178)	9" (229)
Top of Belt (Maximum)	11" (279)	13" (330)
HHHH Part # Reference	0711	0913
Stand Width at Foot *	WW + 10.5" (267mm)	

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Caster is swivel locking
- Horizontal conveyor mounts only

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

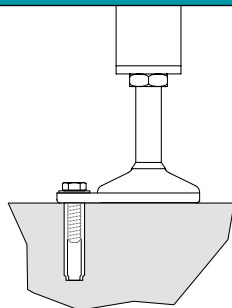
Swivel Locking Caster Model



Swivel Locking Caster Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Caster *	22" (559)	24" (610)	26" (660)	in 2" (51mm) increments up to...	78" (1,981)
Top of Belt (Minimum)	12" (305)		14" (356)		16" (406)
Top of Belt (Maximum)	16" (406)		18" (457)		20" (508)
HHHH Part Number	1216		1418		1620

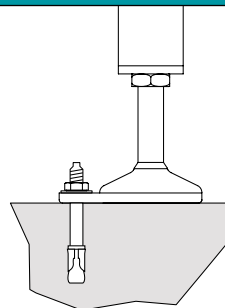
SANITARY FLOOR ANCHOR KITS



Type 1 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 1.57" (40 mm) drop in
- Stainless Steel
- Anchor is flush with floor upon removal of bolt
- Two (2) per anchor kit

Part No. FAS-1



Type 2 Sanitary Floor Anchor Kit

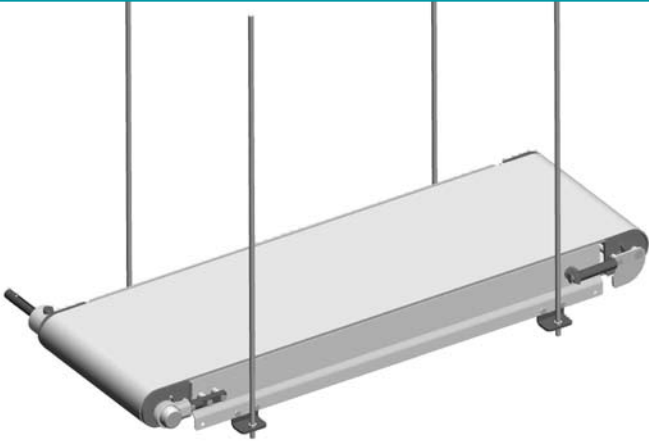
- 3/8" (10 mm) x 2 3/4" (70 mm)
- Stainless Steel
- Threaded anchor bolt protrudes above floor after installation
- Two (2) per anchor kit

Part No. FAS-2

Note: Dimensions = in (mm)

For ordering information, see page 153

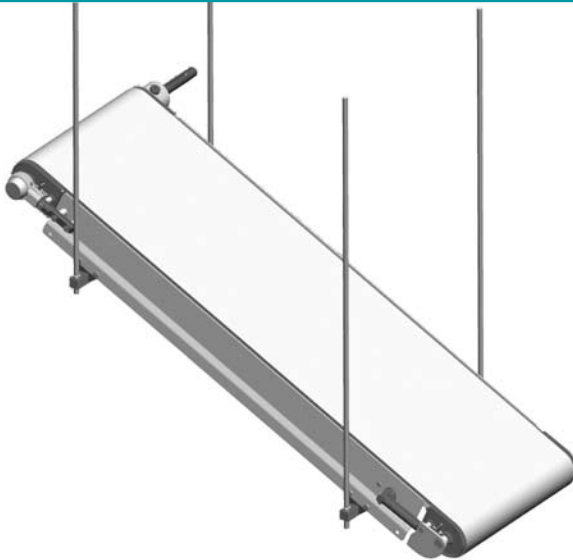
HORIZONTAL CEILING SUPPORTS



- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others

Part No. 39HCS

ADJUSTABLE ANGLE CEILING SUPPORTS



- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others
- Mounting block pivots to support incline mounts from 0° to 60°

Part No. 39ACS

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaPruf® 7400 SERIES: PART NUMBER REFERENCE

7400 SERIES: MODULAR FLAT BELT

7 4 M WW - LLL S S C D G BB MP

Motorized Pulley (Optional Parameter)
MA = Motorized Pulley in the A Position
MD = Motorized Pulley in the D Position

Belt Material
Profile: 1 = Lowside, 2 = 1" Highside, 3 = Guided

Drive / Pulley Type:
 1 = Side drive, standard pulleys each end, position A or D
 2 = Side drive, nose bar idler end, position A or D
 3 = Nose bar drive, nose bars each end, position A**
 4 = Nose bar drive, nose bars each end, position D**
 5 = Nose bar drive, standard pulley idler end, position A**
 6 = Nose bar drive, standard pulley idler end, position D**

Cleaning Options:
0 = None
1 = Frame Cutouts only
2 = Tip up Idler Pulley only
3 = Belt lifters & Tip up idler only***
4 = Frame cutouts & Tip up idler pulley
5 = All 3 Cleaning Features***

Idler / Infeed Stand Location: *
A = no stand mounting holes
B = 12" from idler end
C = 18" from idler end
D = 24" from idler end
E = 30" from idler end
F = 36" from idler end
G = 12" from idler end with braces
H = 18" from idler end with braces
J = 24" from idler end with braces
K = 30" from idler end with braces
M = 36" from idler end with braces

Drive / Discharge Stand Location: *
A = no stand mounting holes
B = 12" from drive end
C = 18" from drive end
D = 24" from drive end
E = 30" from drive end
F = 36" from drive end
G = 12" from drive end with braces
H = 18" from drive end with braces
J = 24" from drive end with braces
K = 30" from drive end with braces
M = 36" from drive end with braces

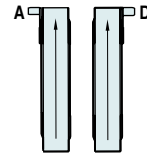
Length: 036-999

Belt Width: Standard = 06-60, Ultimate = 06-36

Language: M = English, U = CE English

Clean Type: 4 = Standard

Drive Shaft Position



Example: 74M24120BC511MR

Description: 7400 series straight flat belt conveyor, 24" wide x 10' long, stand mounting holes 12" from drive end, stand mounting holes 18" from idler end, belt lifters, tip up end pulley, frame cut-outs, standard pulleys each end side drive ready, lowside profile and MR belt material.

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

*Stand location may be dependent upon conveyor length

**Nose bar drive conveyors have a minimum conveyor length of 48"

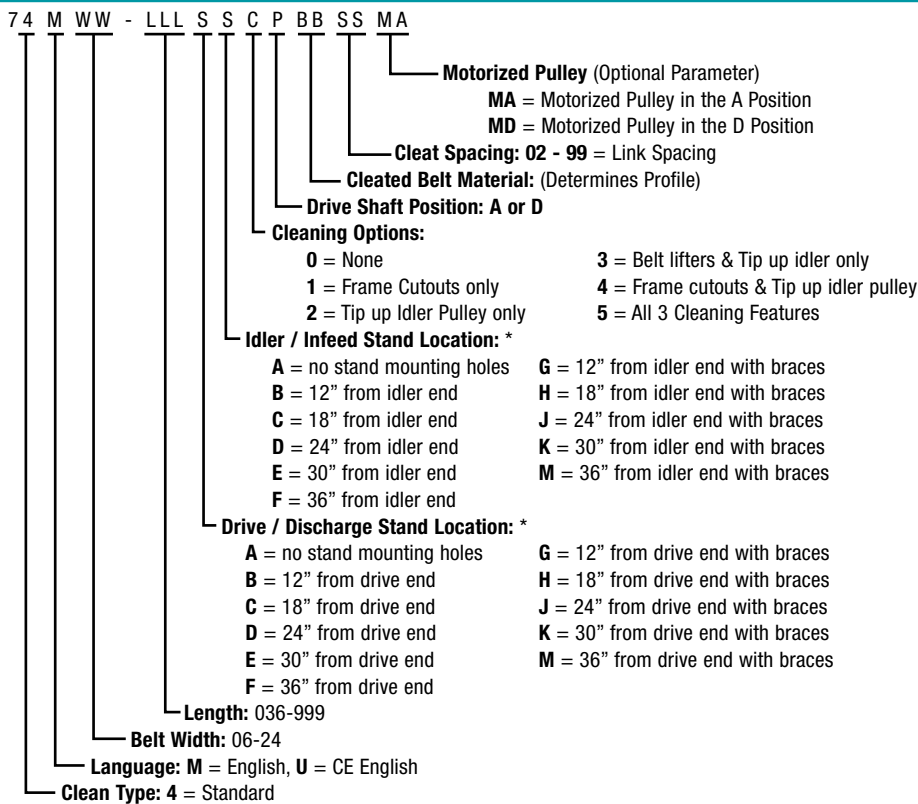
***Belt lifters have a minimum conveyor length of 48"

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

AquaPruf® 7400 SERIES: PART NUMBER REFERENCE

7400 SERIES: MODULAR CLEATED BELT

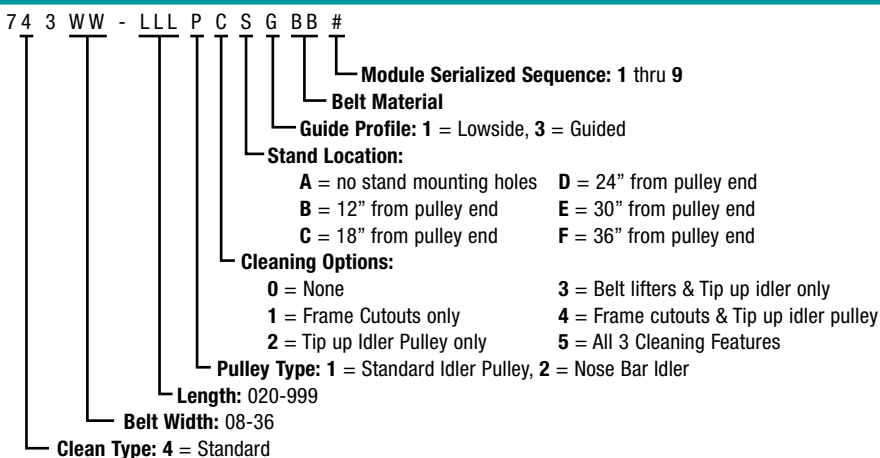


Example: 74M24120BCSANB06MA

Description: 7400 series straight cleated belt conveyor, 24" wide x 10' long, stand mounting holes 12" from drive end, stand mounting holes 18" from idler end, belt lifters, tip up end pulley, frame cut-outs, and NB belt material with cleat spacing of 6 links with a motorized pulley in the A position.

*Stand location may be dependent upon conveyor length

7400 SERIES: STRAIGHT INFEED / IDLER MODULE



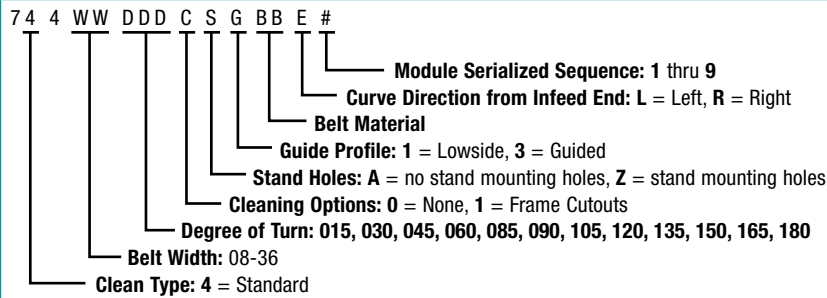
Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

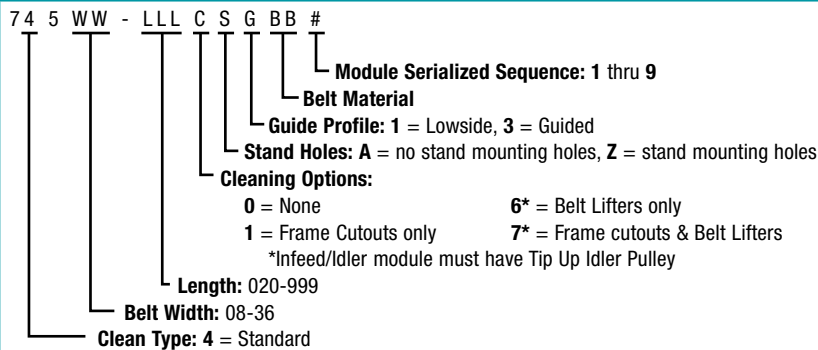
For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

AquaPruf® 7400 SERIES: PART NUMBER REFERENCE

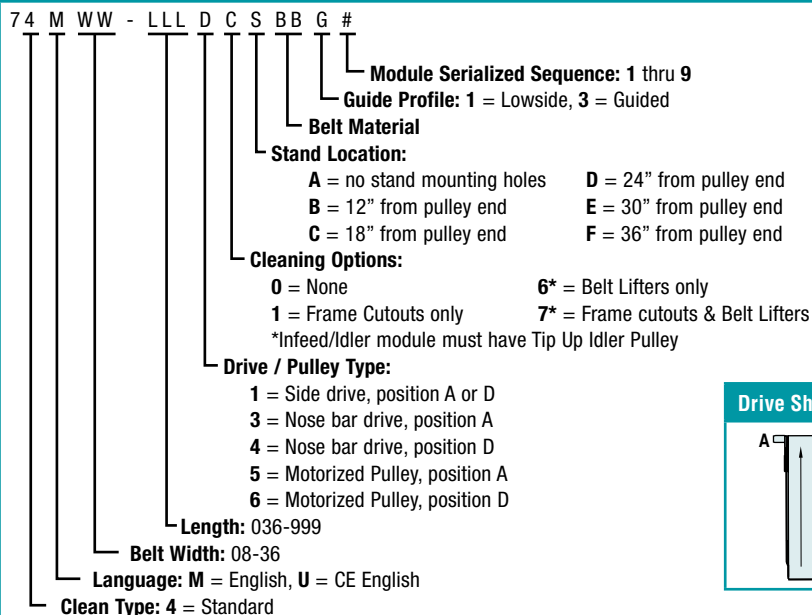
7400 SERIES: CURVE MODULE



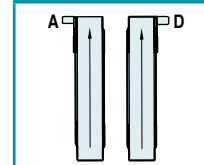
7400 SERIES: STRAIGHT INTERMEDIATE MODULE



7400 SERIES: STRAIGHT EXIT / DRIVE MODULE



Drive Shaft Position



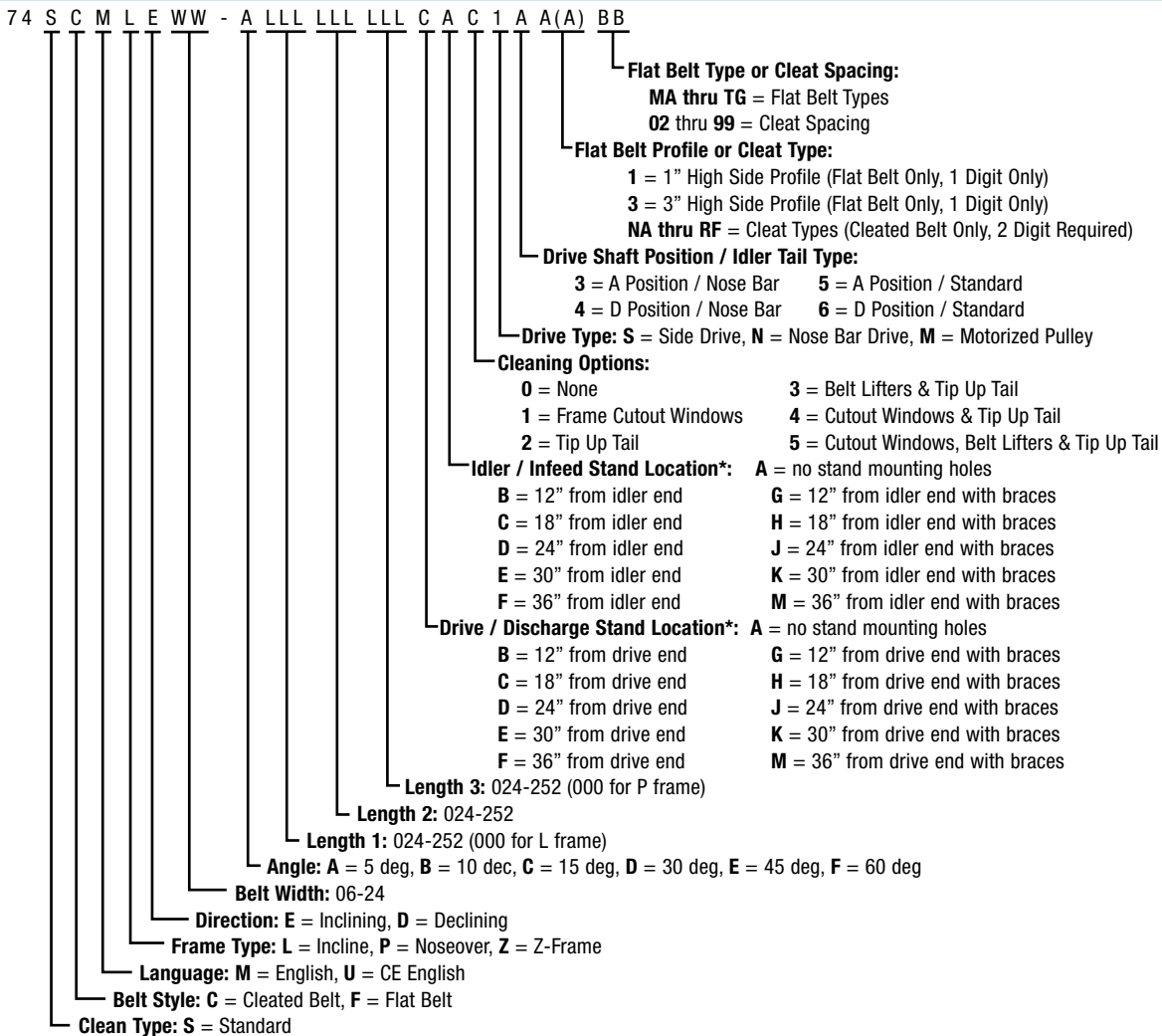
Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

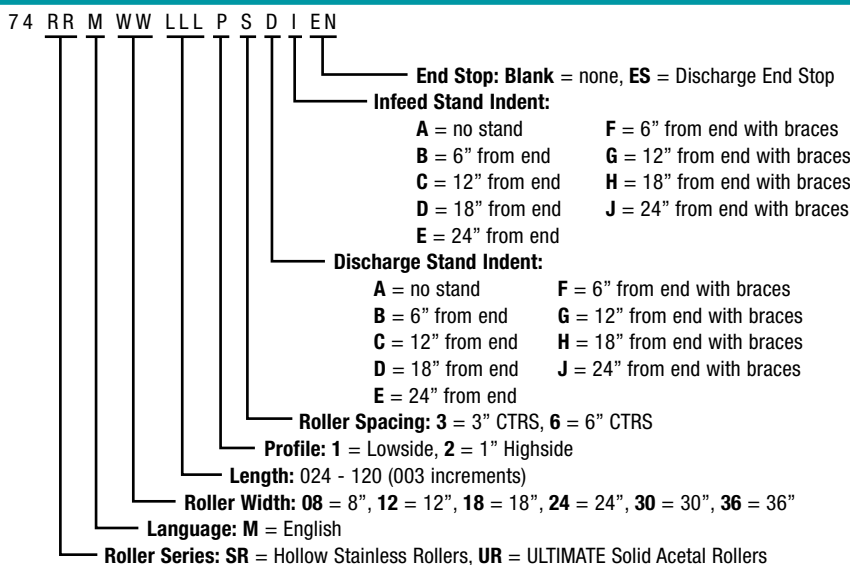
AquaPruf® 7400 SERIES: PART NUMBER REFERENCE

7400 SERIES: Z-FRAME MODULAR FLAT & CLEATED BELT



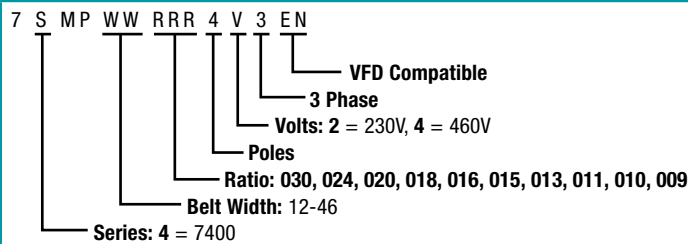
Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

7400 SERIES: SANITARY ROLLER

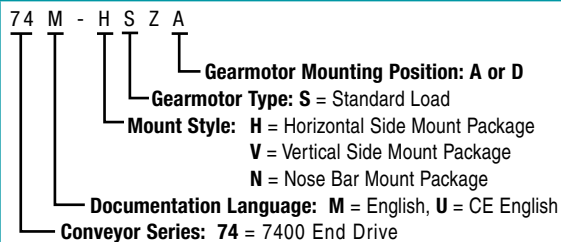


AquaPruf® 7400 SERIES: PART NUMBER REFERENCE

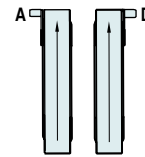
7400 SERIES: MOTORIZED PULLEY



7400 SERIES: GEARMOTOR MOUNTING PACKAGES



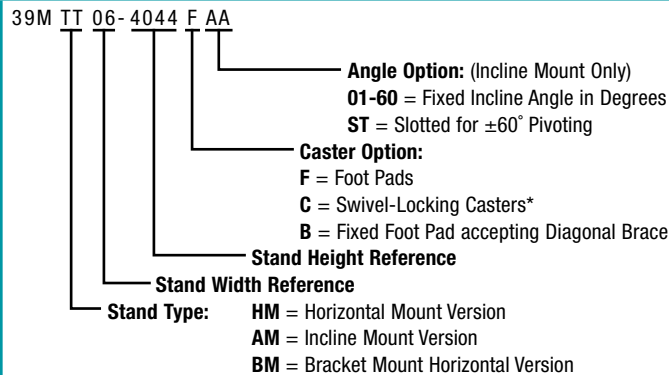
Drive Shaft Position



Example: 74M-HSZA

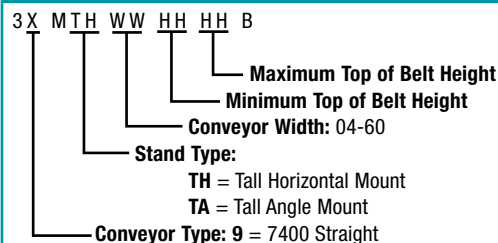
Description: 7400 series horizontal side mount package mounted in the A position.

7400 SERIES: SUPPORT STANDS



*Stands equipped with casters accept diagonal bracing.

7400 SERIES: TALL SUPPORT STANDS



7400 SERIES: LOW HEIGHT SUPPORT STANDS



AQUAPRUF SERIES

7600 SANITARY CONVEYORS
STAINLESS STEEL

AquaPruf[®]



General Specifications:

- Straight Flat and Cleated Belt Models
- Z-Frame Flat and Cleated Belt Models (0 to 60°+)
- Loads up to 20 lbs per square foot of belt (90 kg/m²)
- Widths up to 60" (1524 mm)
- Lengths 36" (914 mm) up to 480" (12.2 m)
- Continuous TIG Welded 304 stainless steel frame



Welded Stainless Steel Construction



Solid UHMW Wear Strips



400 Series Stainless Steel Bearings

7600 SERIES FEATURE OVERVIEW 156

7600 SANITATION & CLEANING OPTIONS 158

FLAT BELT END DRIVE 160

FLAT BELT CENTER DRIVE 162

CLEATED BELT END DRIVE 164

Z-FRAME FLAT BELT END DRIVE 166

Z-FRAME CLEATED BELT END DRIVE 168

PROFILES 170

BELTING 171

GEARMOTOR MOUNTING PACKAGES 175

GEARMOTORS 176

SUPPORT STANDS & ACCESSORIES 179

PART NUMBER REFERENCE 182

Designed to transport Food & Pharmaceutical product with confidence while keeping operators safe.



**Tool-Less
Tip-up Pulley**

For quick release of belt tension.



**V-Guided
Belting**

For positive belt tracking.

**Nose Bar
Transfer Option**
for small product
transfers. Available in:
1/2", 1" and 1 7/8".



**Cast On Urethane
Lagged Pulley**

Ensures a permanent
sanitary bond.

Belt Tension System
with welded Bearing Support for tensioning
and tracking with ACME threads



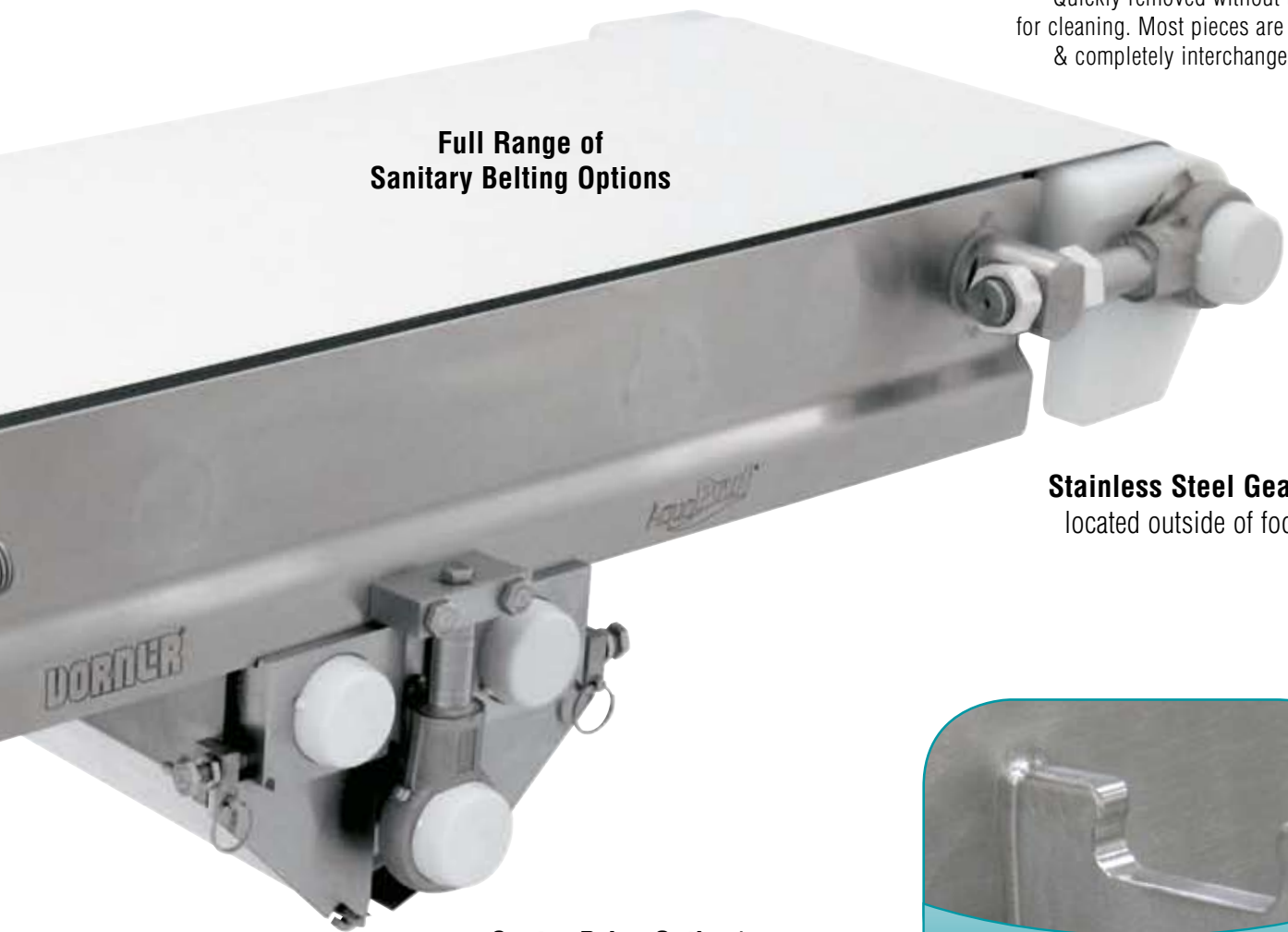
Round Cross Members

Eliminate horizontal surfaces for complete drainage.



Solid UHMW Wear Strips

Quickly removed without tools for cleaning. Most pieces are identical & completely interchangeable.



Full Range of Sanitary Belting Options

Stainless Steel Gearmotors
located outside of food zone.

Center Drive Option*
for dual Nose Bar Transfers and increased end clearance. Tool-less disassembly for quick sanitation.



Stainless Steel Welded Frame Construction

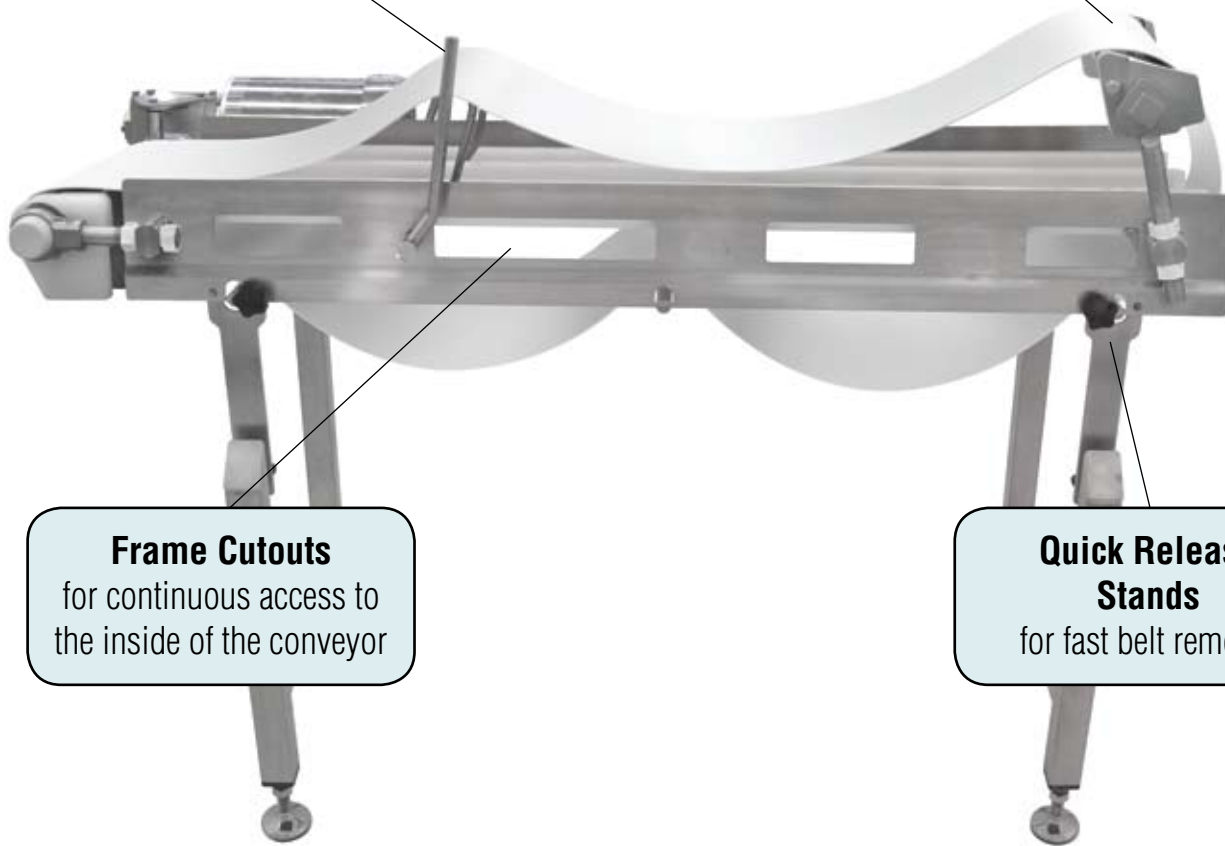
Eliminates fasteners in food zone. (Continuous TIG welding)

* Patent Pending

Fast & Effective Sanitation Options for Daily Cleaning

Tool-less Belt Lifters
for easy access to the
inside of the conveyor

Tool-less Tip-Up Pulley
for quick release of
belt tension



Frame Cutouts
for continuous access to
the inside of the conveyor

**Quick Release
Stands**
for fast belt removal

NO TOOLS REQUIRED!

Total time for cleaning preparation:
30 Seconds

Fast & Effective Sanitation Options for Complete Dis-Assembly & Cleaning



Fully Assembled

to

Completely Dis-Assembled in Minutes

Conveyor Cleaning Preparation

1 Person

3 Minutes Per Section

No Problem!





Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 60" (1,524 mm)
- Lengths: 36" (914 mm) to 40' (12.2 m)
- Belt speed: 328 ft/min maximum (100 m/min)
- 3.5" (89 mm) diameter drive roller with cast-on Urethane lagging
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Belt tensioning mechanism uses Acme threads for easy cleaning and is externally mounted to the frame with adequate clearances for cleaning.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Drive spindle is Cast-On Urethane Lagging for increased load capacity. Spindle has groove for V-guided belts for optimum performance.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Nose bar idler ends (optional) are available in 1/2", 1" & 1 7/8" for small product transfers.
- Belt lifters (optional) lift belt from wear strips / bed plate by simply pulling an external lever for fast access and effective cleaning.
- Belt scraper (optional) removes build up and adjusts easily for each application. Features tool-less disassembly/assembly for cleaning of parts.
- Solid bed plate (optional) is stainless steel and locates on UHMW strips for delicate / fragile products.



**OPTIONAL:
Bed Plates**

Provides continuous support for delicate product (dry applications only)



**OPTIONAL:
Belt Scraper**

UHMW blade removes build-up and is easily adjusted



**OPTIONAL:
Motorized Pulley**

For fast and effective sanitation

Order gearmotor mounting packages and gearmotors separately; see pages 175-177. For support stands and accessories, see pages 179-181.

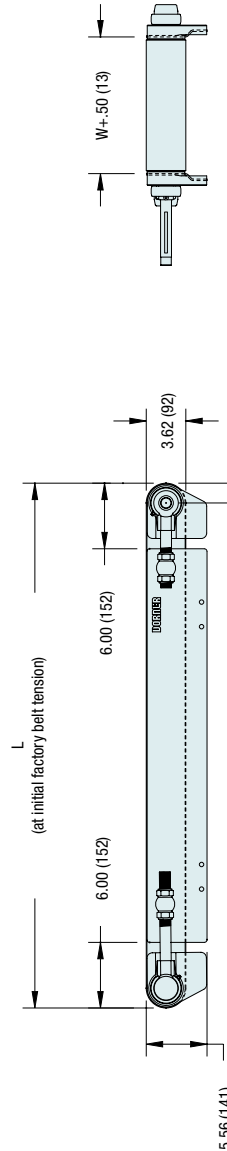
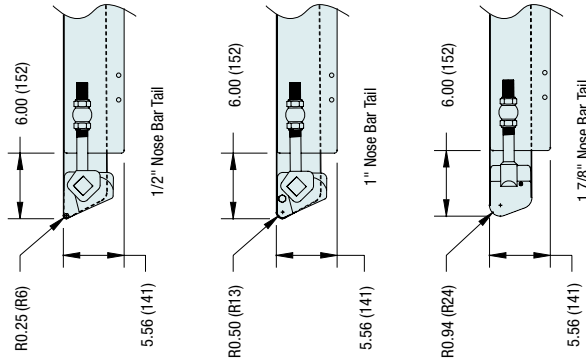
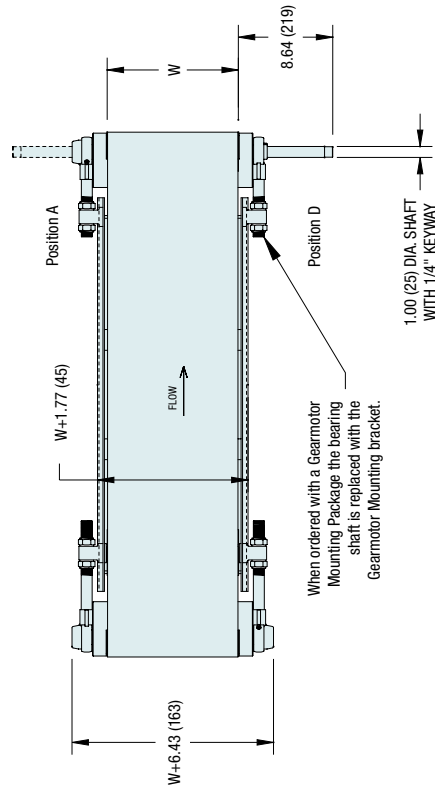
Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 182



AQUAPRUF 7600 SERIES FLAT BELT END DRIVE

END DRIVE MODEL



W = Conveyor Belt Width **Dim** = in (mm)

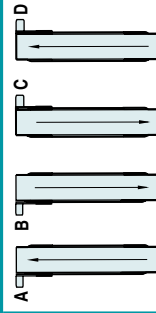
STANDARD SIZES

Conveyor Width Reference	06	02 increments up to ...	60
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	60" (1,524mm)
Conveyor Length Reference	036	001 increments up to ...	480
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to ...	480" (12,192mm)

SANITARY OPTIONS:



Drive Shaft Position

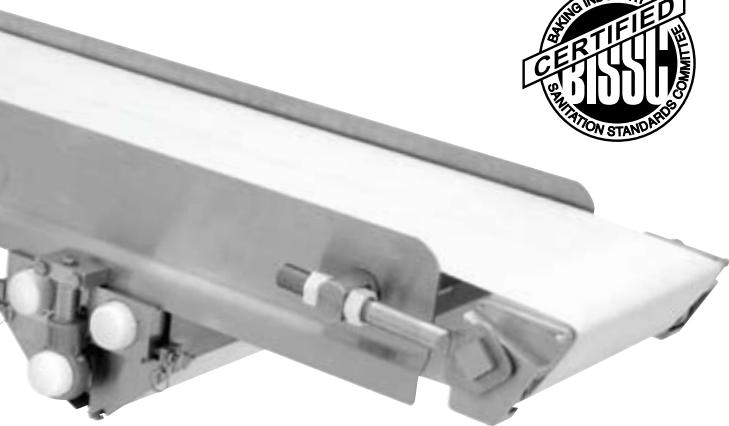


Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

Nose Bar Pulley Application

Market	1/2"	1"	1 7/8"
Medical	X	X	X
Pharmaceutical	X	X	X
Personal Care	X	X	X
Bakery	X	X	X
Confectionery	X	X	X
Snack Foods	X	X	X
Ready-To-Eat	X	X	X
Meat/Fish/Poultry	X	X	X
Dairy	X	X	X

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.



Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 60" (1,524 mm)
- Lengths: 48" (1,219 mm) to 40' (12.2 m)
- Belt speed: 328 ft/min maximum (100 m/min)
- 3.5" (89 mm) diameter drive roller with cast-on Urethane lagging
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Center Drives allow additional clearance on ends when needed. Unique tool-less construction for guarding and back bend rollers.
- Belt tensioning mechanism uses Acme threads for easy cleaning and is externally mounted to the frame with adequate clearances for cleaning.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Center drive roller is Cast-On Urethane Lagging for increased load capacity. Spindle has groove for V-guided belts for optimum performance.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Nose bar idler ends (optional) are available in 1/2", 1" & 1 7/8" for small product transfers.
- Belt lifters (optional) lift belt from wear strips / bed plate by simply pulling an external lever for fast access and effective cleaning.
- Belt scraper (optional) removes build up and adjusts easily for each application. Features tool-less disassembly/assembly for cleaning of parts.
- Solid bed plate (optional) is stainless steel and locates on UHMW strips for delicate / fragile products.



**OPTIONAL:
Belt Scraper**

UHMW blade removes build-up and is easily adjusted.



**Tool-less Quick
Removal Pulleys**



**OPTIONAL:
Bed Plates**

Provides continuous support for delicate product (dry applications only)

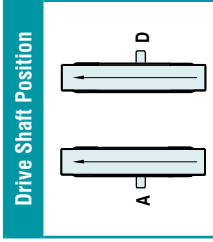
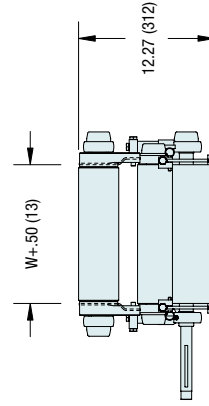
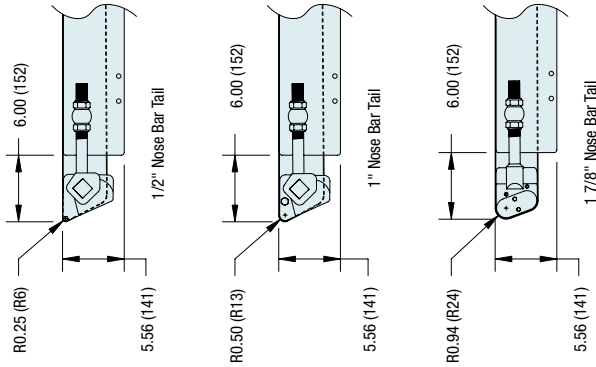
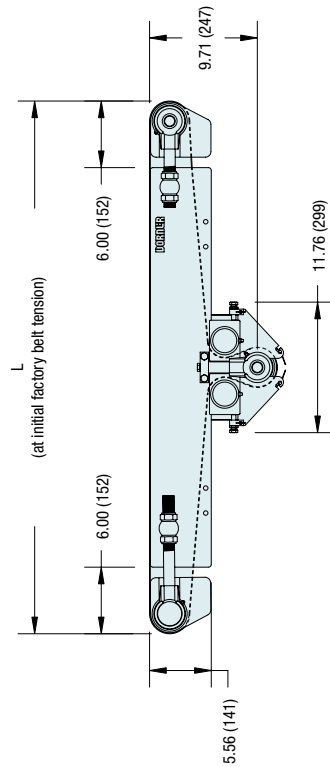
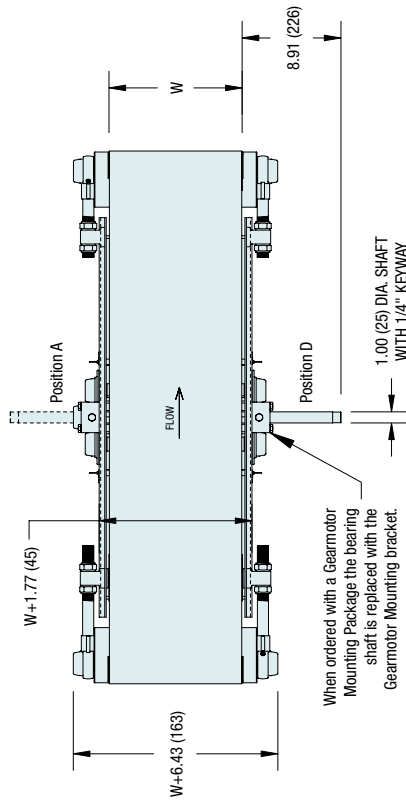
Order gearmotor mounting packages and gearmotors separately; see pages 175-177. For support stands and accessories, see pages 179-181.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 183

AQUAPRUF 7600 SERIES FLAT BELT CENTER DRIVE

CENTER DRIVE MODEL



SANITARY OPTIONS:



NOSE BAR



BED PLATE



BELT LIFTER



FRAME CUTOUTS

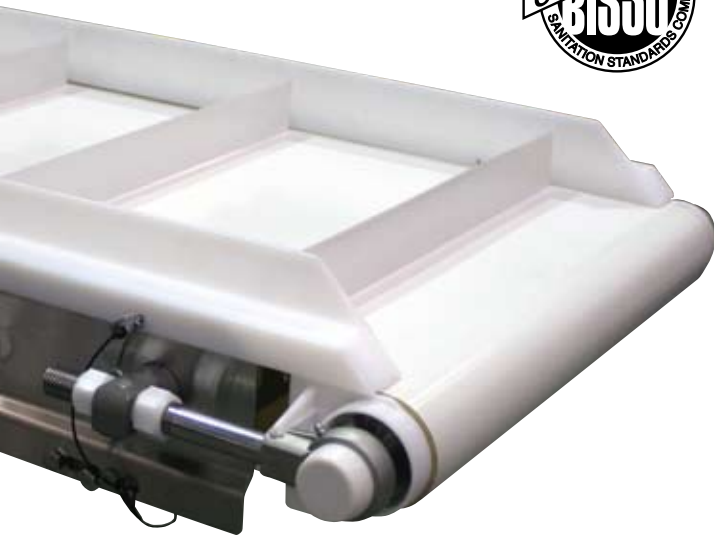
STANDARD SIZES

Conveyor Width Reference	06	02 increments up to ...	60
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	60" (1,524mm)
Conveyor Length Reference	048	001 increments up to ...	480
Conveyor Length (L)	48" (1,219mm)	1" (25mm) increments up to ...	480" (12,192mm)

W = Conveyor Belt Width
Dim = in (mm)

Nose Bar Pulley Application

Market	1/2"	1"	1 7/8"
Medical	X	X	X
Pharmaceutical	X	X	X
Personal Care	X	X	X
Bakery	X	X	X
Confectionery	X	X	X
Snack Foods	X	X	X
Ready-To-Eat	X	X	X
Meat/Fish/Poultry	X	X	X
Dairy	X	X	X



Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 24" (610 mm)
- Lengths: 36" (914 mm) to 40' (12.2 m)
- Belt speed: 328 ft/min maximum (100 m/min)
- 3.5" (89 mm) diameter drive roller with cast-on Urethane lagging
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- Cleat Height available from 11 mm to 60 mm
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Belt tensioning mechanism uses Acme threads for easy cleaning and is externally mounted to the frame with adequate clearances for cleaning.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Return Belt Supports are 4" UHMW Rollers and are easily removed without tools for effective cleaning.
- Drive spindle is Cast-On Urethane Lagging for increased load capacity. Spindle has groove for V-guided belts for optimum performance.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Belt lifters (optional) lift belt from wear strips / bed plate by simply pulling an external lever for fast access and effective cleaning.



Sidewall Cleated Belt



**OPTIONAL:
Motorized Pulley**

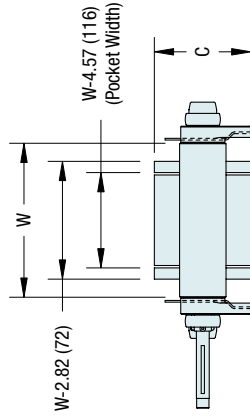
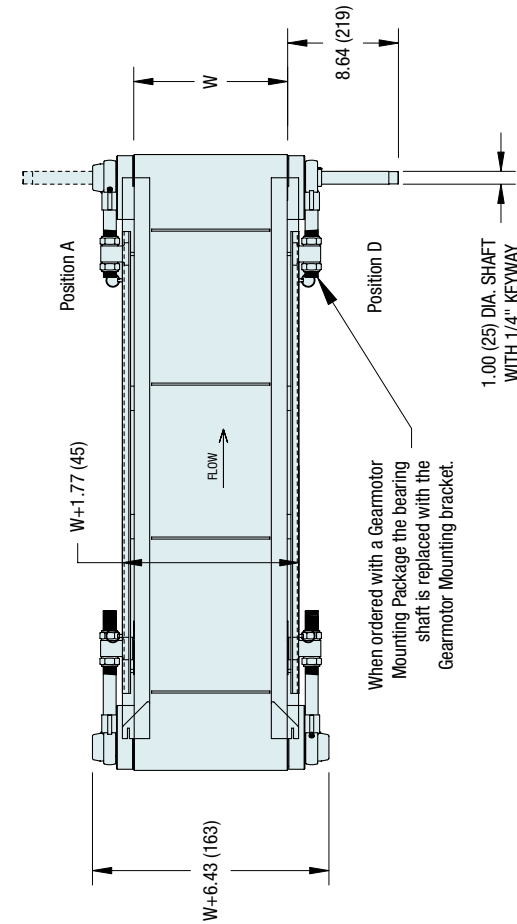
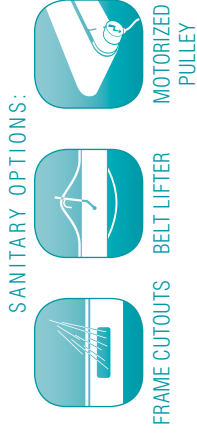
For fast and effective sanitation

Order gearmotor mounting packages and gearmotors separately; see pages 175-177. For support stands and accessories, see pages 179-181.

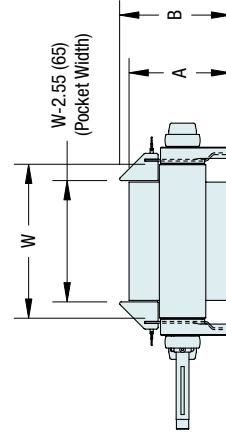
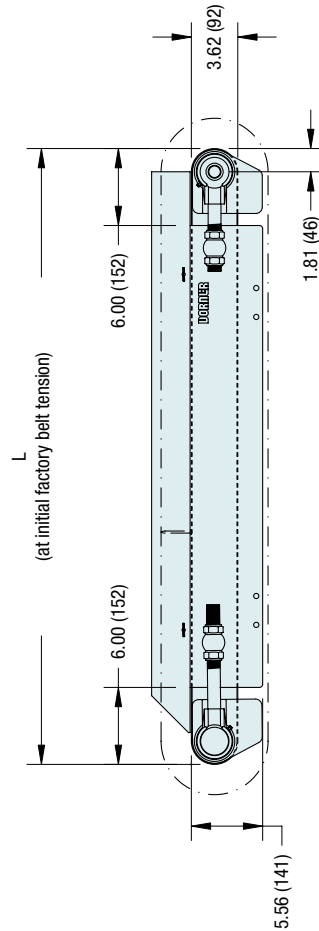
Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 184

CLEATED END DRIVE MODEL



C = 6.74 (171) for W or Y cleats
7.53 (191) for X or Z cleats



A = 6.56 (167) for A or J cleats
7.13 (181) for B, K, P or S cleats
7.92 (201) for C, L, Q or T cleats
5.99 (152) for G or M cleats
6.35 (161) for N or R cleats

B = 7.16 (182) for A, G, J, M, N or R cleats
8.66 (220) for B, C, K, L, P, Q, S or T cleats

W = Conveyor Belt Width
Dim = in (mm)

Drive Shaft Position

Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

STANDARD SIZES	
Conveyor Width Reference	06 24
Conveyor Belt Width (W)	6" (152mm) 24" (610mm)
Conveyor Length Reference	036 480
Conveyor Length (L)	36" (914mm) 480" (12,192mm)



Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 24" (610 mm)
- Section Lengths: 24" (610 mm) to 20' (6.1 m)
- Total Conveyor Lengths: up to 38' (11.6 m)
- Belt speed: 233 ft/min maximum (71 m/min)
- 5°, 10° and 15° Fixed Angle Modules standard
- 3.5" (89 mm) diameter drive roller with cast-on Urethane lagging
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Belt tensioning mechanism uses Acme threads for easy cleaning and is externally mounted to the frame with adequate clearances for cleaning.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Return Belt Supports are 4" UHMW Rollers and are easily removed without tools for effective cleaning.
- Drive spindle is Cast-On Urethane Lagging for increased load capacity. Spindle has groove for V-guided belts for optimum performance.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Nose bar idler ends (optional) are available in 1" and 1 7/8" for small product transfers.
- Belt lifters (optional) lift belt from wear strips / bed plate by simply pulling an external lever for fast access and effective cleaning.
- Belt scraper (optional) removes build up and adjusts easily for each application. Features tool-less disassembly/assembly for cleaning of parts.
- Solid bed plate (optional) is stainless steel and locates on UHMW strips for delicate / fragile products.



**OPTIONAL:
Belt Scraper**

UHMW blade removes build-up and is easily adjusted.

Order gearmotor mounting packages and gearmotors separately; see pages 175-177. For support stands and accessories, see pages 179-181.

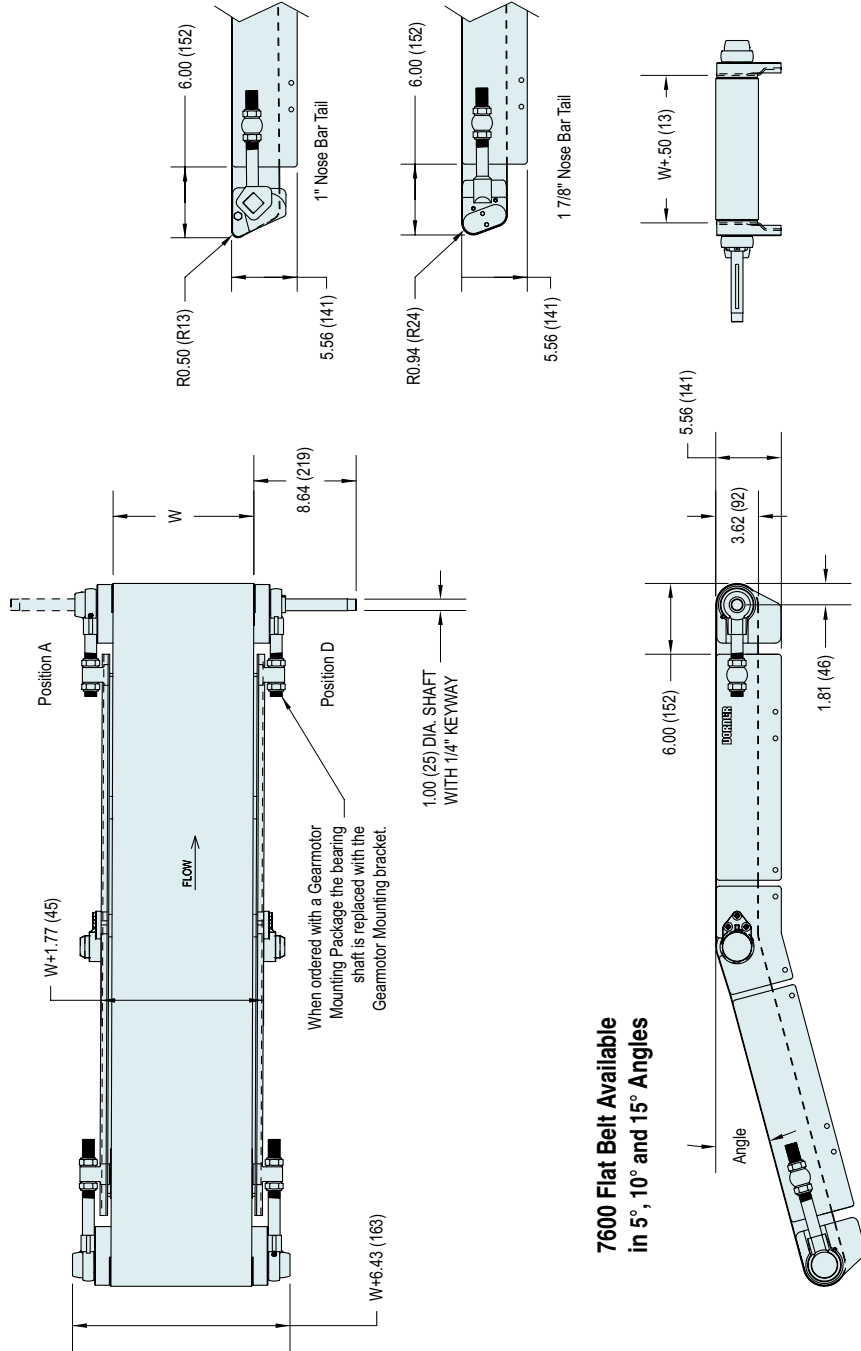
Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 185



AQUAPRUF 7600 SERIES Z-FRAME FLAT BELT END DRIVE

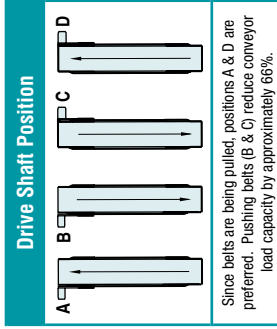
FLAT BELT END DRIVE MODEL



7600 Flat Belt Available in 5°, 10° and 15° Angles

W = Conveyor Belt Width Dim = in (mm)

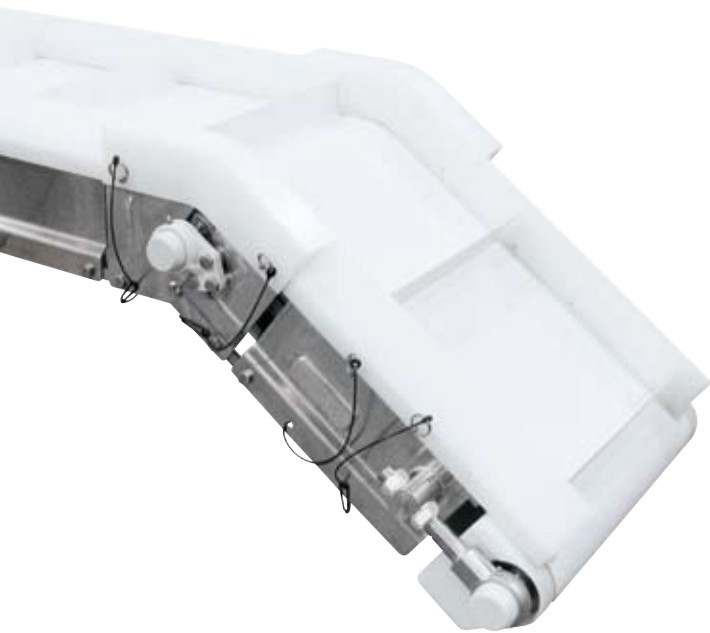
SANITARY OPTIONS:



Nose Bar Pulley Application	
Market	1" 1 7/8"
Medical	X
Pharmaceutical	X
Personal Care	X
Bakery	X
Confectionery	X
Snack Foods	X
Ready-To-Eat	X
Meat/Fish/Poultry	X
Dairy	X

STANDARD SIZES	
Conveyor Width Reference	06 02 increments up to...
Conveyor Belt Width (W)	6" (152mm) 2" (51mm) increments up to...
Conveyor Length Reference	024 001 increments up to...
Conveyor Length (L)	24" (610mm) 1" (25mm) increments up to...

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.



Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 24" (610 mm)
- Section Lengths: 24" (610 mm) to 20' (6.1 m)
- Total Conveyor Lengths: up to 38' (11.6 m)
- Belt speed: 233 ft/min maximum (71 m/min)
- 30°, 45° and 60° Fixed Angle Modules standards
- 3.5" (89 mm) diameter drive roller with cast-on Urethane lagging
- UHMW Wear strip bed plate
- Cleat Height available from 11 mm to 60 mm
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Belt tensioning mechanism uses Acme threads for easy cleaning and is externally mounted to the frame with adequate clearances for cleaning.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Return Belt Supports are 4" UHMW Rollers and are easily removed without tools for effective cleaning.
- Drive spindle is Cast-On Urethane Lagging for increased load capacity. Spindle has groove for V-guided belts for optimum performance.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Belt lifters (optional) lift belt from wear strips / bed plate by simply pulling an external lever for fast access and effective cleaning.
- Belt scraper (optional) removes build up and adjusts easily for each application. Features tool-less disassembly/assembly for cleaning of parts.
- Solid bed plate (optional) is stainless steel and locates on UHMW strips for delicate / fragile products



Sidewall Cleated Belt

Order gearmotor mounting packages and gearmotors separately; see pages 175-177. For support stands and accessories, see pages 179-181.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 185

AQUAPRUF 7600 SERIES Z-FRAME CLEATED BELT END DRIVE

SANITARY OPTIONS:



FRAME CUTOUTS

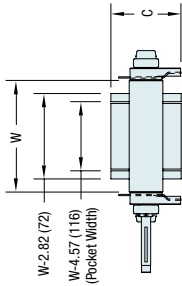


BELT LIFTER

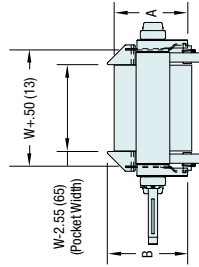
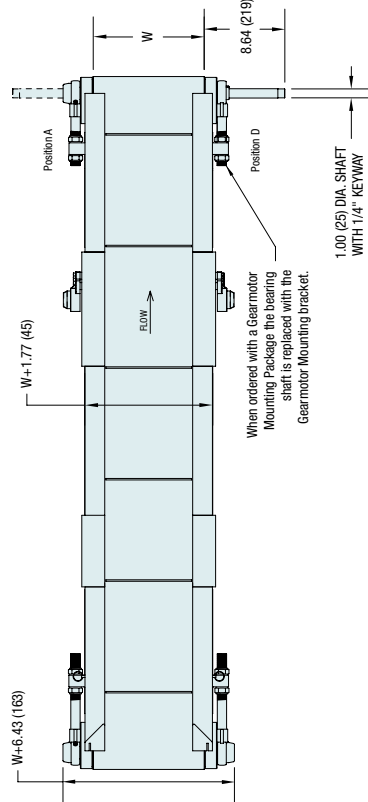


MOTORIZED PULLEY

CLEATED BELT END DRIVE MODEL



C= 6.74 (171) for W or Y cleats
7.53 (191) for X or Z cleats

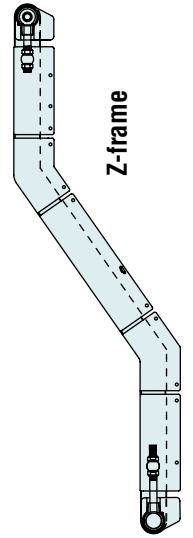
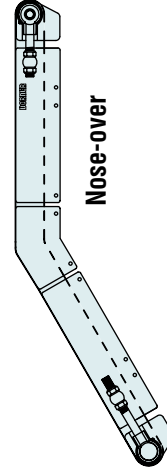
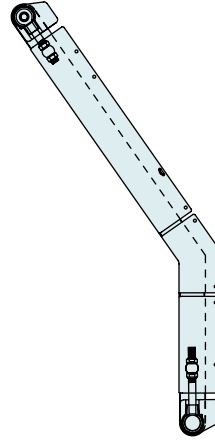


7600 Cleated Belt Available in 30°, 45° and 60° Angles

B = 7.16 (182) for A, G, J, M, N or R cleats
8.66 (220) for B, C, K, L, P, Q, S or T cleats
6.35 (161) for N or R cleats

A = 6.56 (167) for A or J cleats
7.13 (181) for B, K, P or S cleats
7.92 (201) for C, L, Q or T cleats
5.99 (152) for G or M cleats

CONFIGURATIONS AVAILABLE



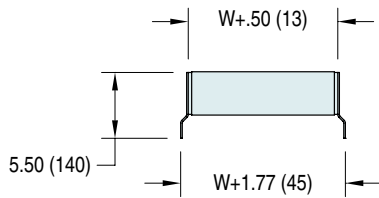
STANDARD SIZES

Conveyor Width Reference	06	02 increments up to ...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	24" (610mm)
Conveyor Length Reference	024	001 increments up to ...	456
Conveyor Length (L)	24" (610mm)	1" (25mm) increments up to ...	456" (11,582mm)

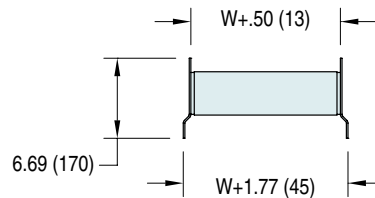
W = Conveyor Belt Width Dim = in (mm)

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

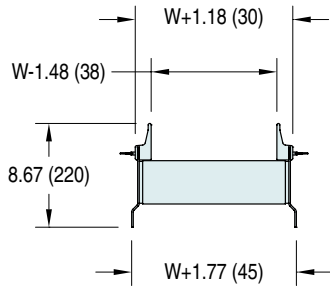
FLAT BELT PROFILES



Profile 1
Low Side

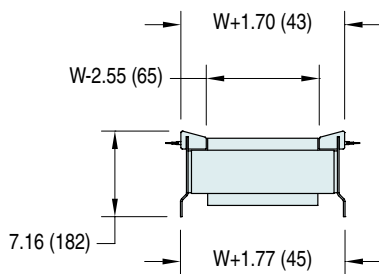


Profile 2
1" (25) High Side

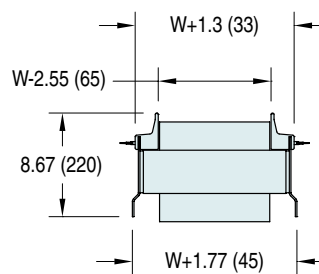


Profile 4
3" (76) High Side

CLEATED BELT PROFILES



Profile for Cleat
Types A, G, J,
M, N & R



Profile for Cleat
Types B, C, K, L,
P, Q, S & T

EASY REMOVAL OF PROFILES



Several of our profile options include solid UHMW strips which are easily removed from the conveyor for sanitation by pulling pins on each end.

All pins are tethered to the frame to aide in sanitation.

Wet applications are limited to specialty belt types 54, 55, 69 and 70 only!

1/2" Nose Bar belts for transfer of very small food product – See belt types 05 and 09 below.



Standard Belt Selection Guide

Standard belt material is stocked at Dorner, then cut & spliced at the factory for fast conveyor shipment.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper**	Belt Specifications	Thickness	Surface Material	Carcass Material	Maximum Part Temp.	Coefficient of Friction	1/2" (13) Nose Bar Compatible	FDA Approved	Anti-Static	Static Conductive	Chemical Resistant	Special Characteristics or Applications
01	A1	1A	FDA Accumulation	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	Low		x	x		Good	Packaging, clean room & inspection
02	A2	2A	General Purpose	0.071" (1.8)	Urethane	Polyester	212°F (100°C)	Med		x	x		Good	Most versatile belt offering
03	A3	3A	FDA High Friction	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	High		x	x		Good	Packaging, clean room & inspection
05	A5	5A	Accumulation	0.047" (1.2)	Urethane	Polyester	212°F (100°C)	V-Low	x	x	x		Good	Accumulation of products
06	A6	6A	Electrically Conductive	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	Low			x	x	Good	Electronics Handling
08	A8	8A	High Friction	0.083" (2.1)	PVC	Polyester	158°F (70°C)	V-High			x		Poor	Conveys up to 35° inclines*
09			Nose Bar High Friction	0.055 (1.4)	Urethane	Polyester	212°F (100°C)	High	x	x			Good	Nose Bar Applications

Note: See below for splice details. Plastic Clipper splice requires longer lead times. No Metal Clipper Splice on belts over 48" (1,219 mm) wide.
*Incline varies due to factors like dust, fluids and part material. **Metal Clipper splices are not sanitary.

BELT SPLICING



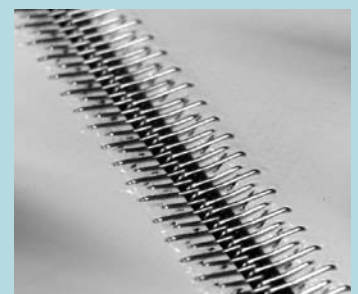
Finger Splice

All belts are available with a standard Thermoformed finger splice. This splice makes the belt continuous and is virtually undetectable. Splice bonding methods vary by belt type. Consult factory for details.



Plastic Clipper***

An optional plastic clipper splice is available for quick removal of belts or when conveyors are installed in tight spaces.



Metal Clipper***

An optional metal clipper splice is also available for quick removal of belts or when conveyors are installed in tight spaces.
(Not Sanitary)

*** See belt charts for compatibility. Not for use with belt scraper. Plastic and metal clippers are slightly thicker than base belt. Contact factory for details.

AquaPruf® 7600 SERIES: SPECIALTY FLAT BELTING

Wet applications are limited to specialty belt types 54, 55, 69 and 70 only!

Solid Urethane belt for added sanitary protection –
See belt type 70 below.

High Release Cover belt for handling sticky food such as raw dough –
See belt type 71 below.

1/2" Nose Bar belts for transfer of very small food product – See belt types 60, 61 and 72 below.



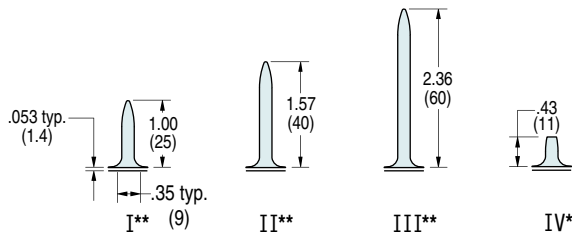
Specialty Belt Selection Guide

Specialty belt material is not stocked at Dorner and needs to be custom ordered for your special conveyor needs.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper**	Belt Specifications	Belt Thickness	Surface Material	Maximum Part Temp.	Coefficient of Friction	1/2" (13) Nose Bar Compatible	FDA Approved	Chemical Resistance	Moisture Resistance	Special Characteristics or Applications
54	F4	4F	FDA Sealed Edge	0.06 (1.5)	Urethane	176°F (80°C)	Low		x	Good	Good	Packaging, clean room & inspection, wet environment
55	F5	5F	FDA Sealed Edge	0.06 (1.5)	Urethane	176°F (80°C)	High		x	Good	Good	Packaging, clean room & inspection, wet environment
56		6F	Cut Resistant	0.08 (2.1)	Urethane	212°F (100°C)	Med.			Good	Poor	Oily product release, Metal stamping
57		7F	Cut Resistant	0.10 (2.5)	Nitrile	176°F (80°C)	Med.			Poor	Poor	Felt-like, dry metal stamping, glass & ceramic
59	F9	9F	Color Contrasting	0.06 (1.5)	PVC	158°F (70°C)	Med.			Poor	Poor	Black colored, hides overspray from ink jet
60	G0	0G	Color Contrasting	0.05 (1.2)	Urethane	212°F (100°C)	Low	x	x	Good	Poor	Green colored, Nose Bar
61	G1	1G	Color Contrasting	0.05 (1.2)	Urethane	212°F (100°C)	Low	x	x	Good	Poor	Blue colored, Nose Bar
63		3G	Electrically Conductive	0.05 (1.2)	Urethane	140°F (60°C)	Low			Good	Poor	Static conductive, electronics handling
64		4G	High Friction	0.17 (4.4)	PVC	194°F (90°C)	V-High			Poor	Poor	Dark Green colored, rough top surface, product cushioning, incline / decline apps
65		5G	Chemical Resistant	0.05 (1.2)	Polypropylene	248°F (120°C)	Low		x	V-Good	Poor	Very good cut resistance, excellent product release
66		6G	Chemical Resistant	0.07 (1.7)	Polyester	212°F (100°C)	Med.		x	V-Good	Poor	Good Cut resistance, metal stamping apps
67		7G	Low Friction Cleated	0.06 (1.6)	Polyester	212°F (100°C)	n/a		x	Good	Poor	Excellent product release, consult factory for part number and how to specify low friction
68	G8		FDA Encased*	0.08 (2.0)	Urethane	212°F (100°C)	Low		x	Good	V-Good	Urethane Enclosed for added sanitary protection
69	G9		FDA Encased*	0.08 (2.0)	Urethane	212°F (100°C)	High		x	Good	V-Good	Urethane Enclosed for added sanitary protection
70			Solid Urethane	0.10 (2.5)	Urethane	212°F (100°C)	Med.		x	Good	V-Good	USDA Approved, wet applications
71			High Release Cover	0.07 (1.7)	Urethane	212°F (100°C)	Low		x	Good	Poor	Raw dough or sticky food product
72			Nose Bar Low Friction	0.05 (1.2)	Urethane	212°F (100°C)	Low	x	x	Good	Poor	Nose Bar Applications

No Metal Clipper Splice on belts over 48" (1,219 mm) wide.

* Not available in 2" (51 mm) wide. **Metal Clipper splices are not sanitary.



* = Maximum 7' conveyor length for 18" and wider conveyors

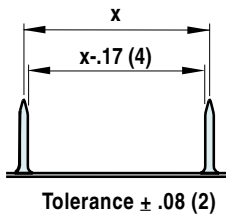
** = Maximum 20" (508 mm) cleat spacing for 7' and longer conveyors

Note: Minimum cleat spacing is approximately 2" (50 mm). Consult Factory.

Standard Cleated Belting

Part No.	Base Belt	Belt Thickness, in (mm)	Belt Surface Material	Cleat Height, in (mm)	Cleat Material	Max. Part Temp.	FDA Approved	Chemical Resistance	Moisture Resistance	Illustration
A	High Friction	0.055 (1.4)	Urethane	1.00 (25)	Urethane	176°F (80°C)	Yes	Good	Poor	I
B	High Friction	0.055 (1.4)	Urethane	1.57 (40)	Urethane	176°F (80°C)	Yes	Good	Poor	II
C	High Friction	0.055 (1.4)	Urethane	2.36 (60)	Urethane	176°F (80°C)	Yes	Good	Poor	III
G	High Friction	0.055 (1.4)	Urethane	0.43 (11)	Urethane	176°F (80°C)	Yes	Good	Poor	IV
J	Low Friction	0.06 (1.6)	Urethane	1.00 (25)	Urethane	212°F (100°C)	Yes	Good	Poor	I
K	Low Friction	0.06 (1.6)	Urethane	1.57 (40)	Urethane	212°F (100°C)	Yes	Good	Poor	II
L	Low Friction	0.06 (1.6)	Urethane	2.36 (60)	Urethane	212°F (100°C)	Yes	Good	Poor	III
M	Low Friction	0.06 (1.6)	Urethane	0.43 (11)	Urethane	212°F (100°C)	Yes	Good	Poor	IV

CLEAT SPACING



Steps:

- 1) Refer to Formulas below
- 2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down
- 3) Use formula 2 to get the cleat space reference for the conveyor part number

Formula 1

$$\text{Number of Cleats} = \frac{(\text{Conveyor Length in feet} \times 24) + 4.00}{\text{Desired cleat spacing in inches (x)}}$$

Example

Using a 6' long conveyor and 6" cleat spacing

$$\text{Number of Cleats} = \frac{(6 \times 24) + 4.00}{6} = \frac{148}{6} = \mathbf{24 \text{ Cleats (rounded)}}$$

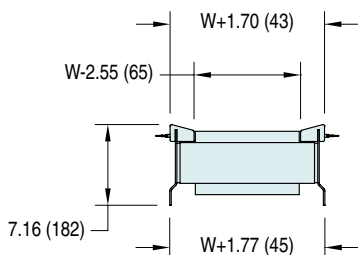
Formula 2

$$\text{Cleat Space Reference (x)} = \frac{(\text{Conveyor Length in feet} \times 24) + 4.00}{\text{Number of Cleats from Formula 1}}$$

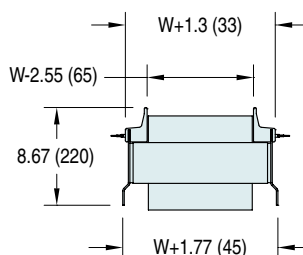
Example

Using a 6' long conveyor and 24 cleats

$$\text{Cleat Spacing in inches (x)} = \frac{(6 \times 24) + 4.00}{24 \text{ cleats}} = \frac{148}{24} = \mathbf{6.17 \text{ or } \mathbf{0617 \text{ Cleat Reference}}}$$

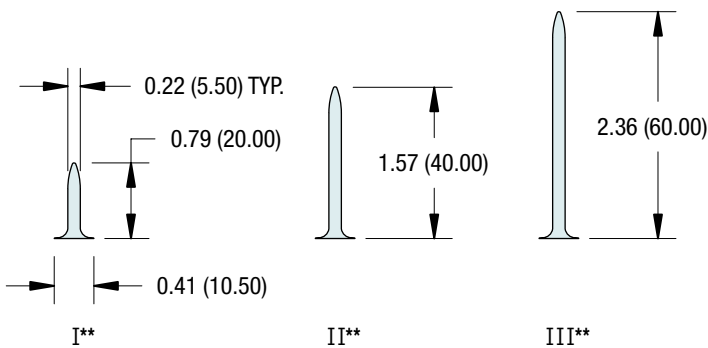


Profile for Cleat Type I & IV



Profile for Cleat Types II & III

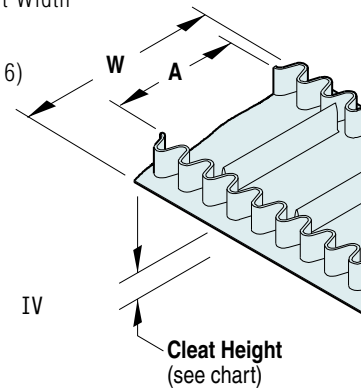
AquaPruf® 7600 SERIES: SPECIALTY CLEATED BELTING



W = Conveyor Belt Width*

A = Pocket Width

A = W - 4.57" (116)

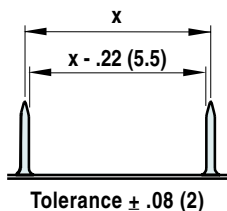


* = Maximum 7' conveyor length for 18" and wider conveyors
 ** = Maximum 20" (508 mm) cleat spacing for 7' and longer conveyors
 Note: Minimum cleat spacing is approximately 2" (50 mm). Consult Factory.

Specialty Cleated Belting

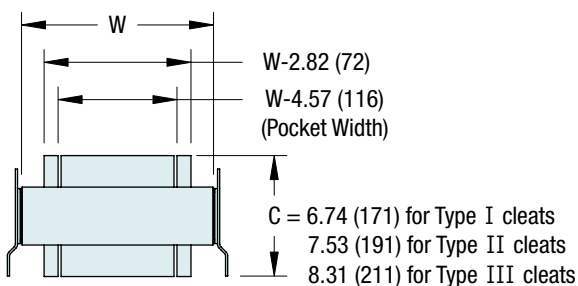
Part No.	Base Belt	Belt Thickness, in (mm)	Belt Surface Material	Cleat Height, in (mm)	Cleat Material	Max. Part Temp.	FDA Approved	Chemical Resistance	Moisture Resistance	Illustration	
Cleated	N	Sealed Edge	0.06 (1.5)	Urethane	0.79 (20)	Urethane	176°F (80°C)	Yes	Good	Good	I
	P	Sealed Edge	0.06 (1.5)	Urethane	1.57 (40)	Urethane	176°F (80°C)	Yes	Good	Good	II
	Q	Sealed Edge	0.06 (1.5)	Urethane	2.36 (60)	Urethane	176°F (80°C)	Yes	Good	Good	III
	R	Encased	0.08 (2.0)	Urethane	0.79 (20)	Urethane	212°F (100°C)	Yes	Good	Very Good	I
	S	Encased	0.08 (2.0)	Urethane	1.57 (40)	Urethane	212°F (100°C)	Yes	Good	Very Good	II
	T	Encased	0.08 (2.0)	Urethane	2.36 (60)	Urethane	212°F (100°C)	Yes	Good	Very Good	III
Sidewall Cleated	U	Standard	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176°F (80°C)	Yes	Good	Poor	IV
	V	Standard	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176°F (80°C)	Yes	Good	Poor	IV
	W	Sealed Edge	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176°F (80°C)	Yes	Good	Good	IV
	X	Sealed Edge	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176°F (80°C)	Yes	Good	Good	IV
	Y	Encased	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176°F (80°C)	Yes	Good	Very Good	IV
	Z	Encased	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176°F (80°C)	Yes	Good	Very Good	IV

CLEAT SPACING



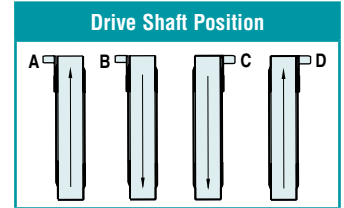
Steps:

- 1) Refer to 7600 Series Formulas on the previous page.
- 2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down
- 3) Use formula 2 to get the cleat space reference for the conveyor part number

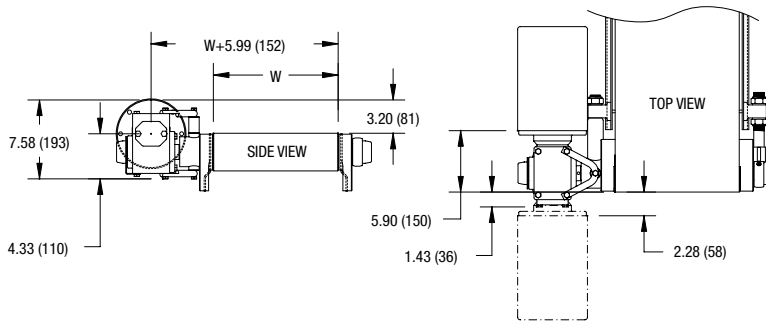


GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

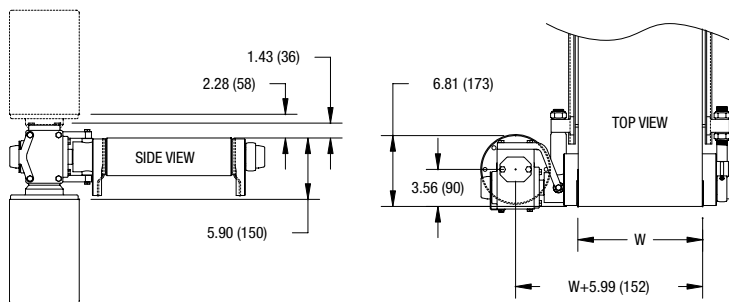
- Step 1:** Select a **Gearmotor Mounting Package** (see below).
- Step 2:** Locate the appropriate gearmotor chart (pages 176-177) in terms of **Painted** vs. **Stainless Steel** and **Fixed Speed** vs. **Variable Speed**.
- Step 3:** Use the **Belt Speed Column** to locate the **Part Number** for your desired Gearmotor.



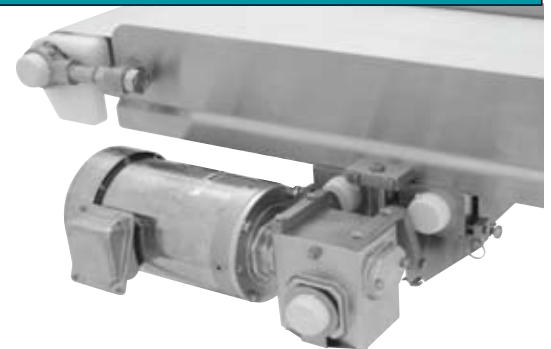
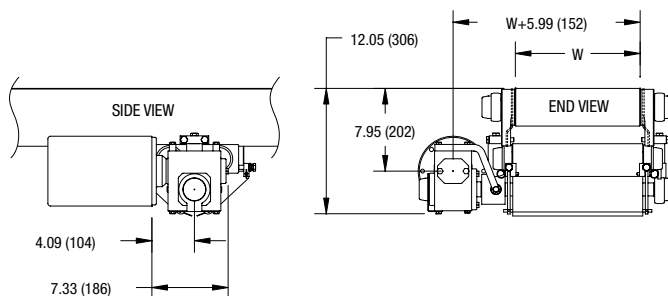
HORIZONTAL SIDE DRIVE MOUNT



VERTICAL SIDE DRIVE MOUNT



CENTER DRIVE MOUNT



Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

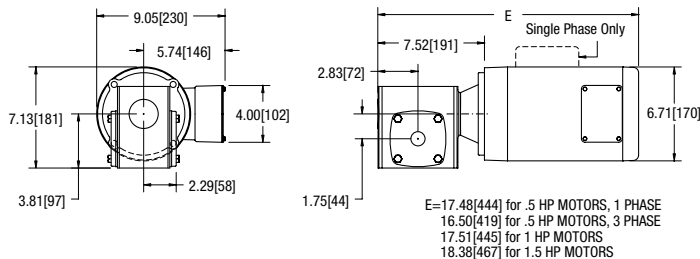
For ordering information, see page 186

STANDARD LOAD, FIXED SPEED

Chart 1

Painted Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order optional Manual Motor Starter separately, see page 178
- 0.5 Hp 230 / 460 Volts, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase



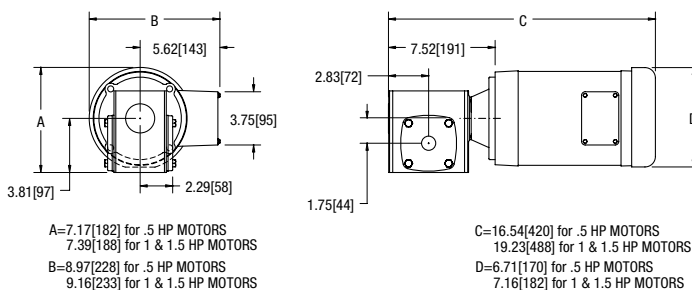
Part Number	Belt Speed		RPM	1 Phase			3 Phase			in.-lbs.	Nm
	Ft/min	m/min		Hp	kW	FLA	Hp	kW	FLA		
74M080HS4(vp)FN	20	6.1	22	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	356	40.2
74M060HS4(vp)FN	27	8.2	29	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	442	49.9
74M040HS4(vp)FN	41	12.5	44	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	486	54.9
74M030HS4(vp)FN	54	16.5	58	n/a	n/a	n/a	1.0	0.74	3.5-3.2 / 1.6	487	55.0
74M020HS4(vp)FN	81	24.7	87	n/a	n/a	n/a	1.0	0.74	3.5-3.2 / 1.6	407	46.0
74M015HS4(vp)FN	109	33.2	117	n/a	n/a	n/a	1.0	0.74	3.5-3.2 / 1.6	470	53.1
74M010HS4(vp)FN	164	50.0	175	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	442	49.9
74M007HS4(vp)FN	218	66.4	233	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	360	40.7
74M005HS4(vp)FN	328	100.0	345	n/a	n/a	n/a	1.5	1.10	4.6-4.2 / 2.1	245	27.7

(vp) = voltage and Phase 11 = 115 / 208-230, 1 Phase 23 = 0.5 HP: 230 / 460 Volts, 3 Phase; 1.0 & 1.5 HP: 208-230 / 460 Volts, 3 Phase

Chart 2

Stainless Steel Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box and Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- 208-230 / 460 V, 3 Phase
- Order optional Manual Motor Starter separately, see page 178
- 0.5 Hp 230 / 460 V, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase



Part Number	Belt Speed		RPM	3 Phase				in.-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HHS423FN	20	6.1	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HHS423FN	27	8.2	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HHS423FN	41	12.5	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HHS423FN	54	16.5	58	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HHS423FN	81	24.7	87	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	407	46.0
74M015HHS423FN	109	33.2	117	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HHS423FN	164	50.0	175	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	442	49.9
74M007HHS423FN	218	66.4	233	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	360	40.7
74M007HHS423FN	328	100.0	345	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	245	27.7

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

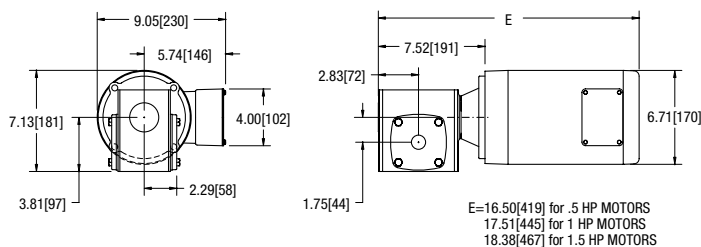
HIGHLIGHT

Highlighted gearmotors are not available with 0.5" (13 mm) diameter Nose Bar Idler tail option. Maximum 0.5" Nose Bar speed is 81 ft/min (24.7 m/min)

STANDARD LOAD, VARIABLE SPEED

Chart 3 Painted Gearmotor

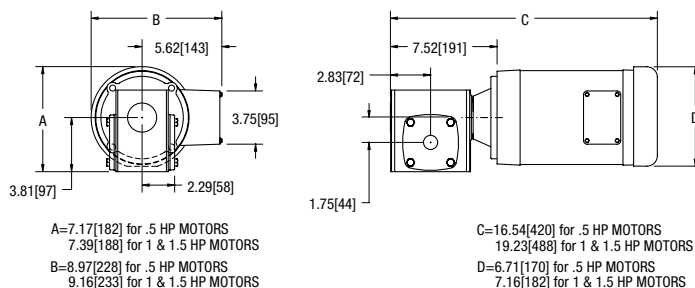
- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order Control Separately, see page 178



Part Number	Belt Speed		RPM	3 Phase				in-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HS423EN	2 to 20	0.6 to 6.1	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423EN	3 to 27	0.9 to 8.2	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423EN	5 to 41	1.3 to 12.5	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423EN	6 to 54	2.0 to 16.5	58	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M020HS423EN	9 to 81	2.6 to 24.7	87	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M015HS423EN	12 to 109	3.6 to 33.2	117	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	470	53.1
74M010HS423EN	18 to 164	5.3 to 50.0	175	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	442	49.9
74M007HS423EN	23 to 218	7.1 to 66.4	233	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	360	40.7
74M007HS423EN	33 to 328	10.0 to 100	345	1.5	11.1	208-230 / 460	4.6-4.2 / 2.1	245	27.7

Chart 4 Stainless Steel Gearmotor

- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- Order Control Separately, see page 178



Part Number	Belt Speed		RPM	3 Phase				in-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HHS423EN	2 to 20	0.6 to 6.1	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HHS423EN	3 to 27	0.9 to 8.2	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HHS423EN	5 to 41	1.3 to 12.5	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HHS423EN	6 to 54	2.0 to 16.5	58	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HHS423EN	9 to 81	2.6 to 24.7	87	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M015HHS423EN	12 to 109	3.6 to 33.2	117	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HHS423EN	18 to 164	5.3 to 50.0	175	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	442	49.9
74M007HHS423EN	23 to 218	7.1 to 66.4	233	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	360	40.7
74M005HHS423EN	33 to 328	10.0 to 100	345	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	245	27.7

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

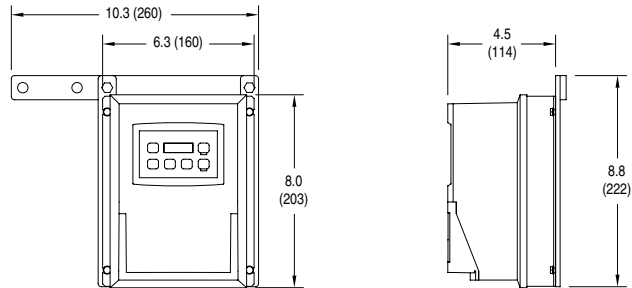
HIGHLIGHT

Highlighted gearmotors are not available with 0.5" (13 mm) diameter Nose Bar Idler tail option. Maximum 0.5" Nose Bar speed is 81 ft/min (24.7 m/min)

VARIABLE SPEED CONTROLLER

Chart A Variable Speed Controllers

- Variable Frequency Drive
- Nema 4X Enclosure
- Stainless steel enclosure and mounting hardware
- Digital Display
- Keypad with Start/Stop and Speed variation
- Includes cord to motor
- Power to controller by others
- UL Approved
- 1 & 3 Phase don't include plug/cord set

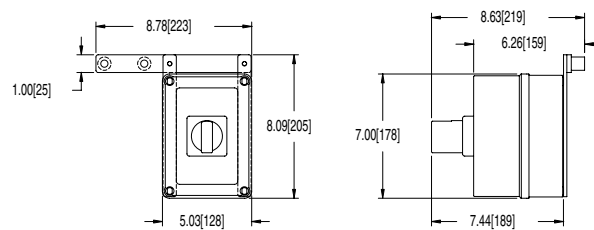


Part Number	Input			Output		Max Hp	Max Amps	A (width)	B (depth)
	Volts	Phase	Hz	Volts	Phase				
74MV1122S	115	1	60	230	3	0.5	2.2	7.9 (200)	3.8 (96)
74MV2322S	230	3	60	230	3	0.5	2.2	6.1 (155)	4.4 (112)
74MV1121S	115	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV2121S	230	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV4341S	460	3	60	460	3	1.0	2.0	6.1 (155)	4.4 (112)
74MV2127S	230	1	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV2327S	230	3	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV4347S	460	3	60	460	3	2.0	3.4	7.9 (200)	4.9 (124)

MANUAL MOTOR STARTER

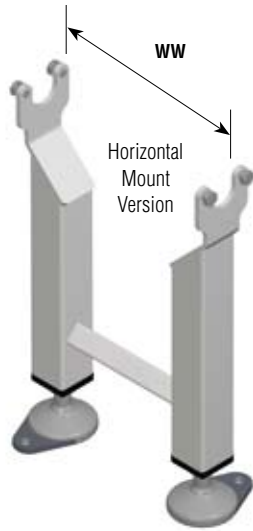
Chart B Manual Motor Starter

- Nema 4X Plastic Enclosure
- Stainless Steel mounting hardware
- IP 66
- Start / Stop Switch
- Lock out tag out capable
- Power to Starter by others
- No plug/cord set included

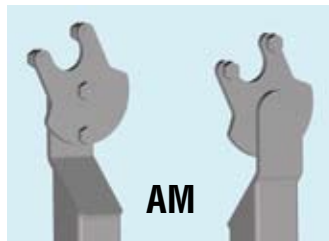


Part Number	Input			FLA
	Volts	Phase	Hz	
74MM11F	115	1	60	6.3 - 10
74MM21D	208-230	1	60	2.5 - 3.9
74MM23A	208-230	3	60	0.63 - 0.99
74MM23B	208-230	3	60	1.0 - 1.59
74MM23C	208-230	3	60	1.6 - 2.4
74MM23D	208-230	3	60	2.5 - 3.9
74MM23E	208-230	3	60	4.0 - 6.3
74MM43A	460	3	60	1.6 - 2.4
74MM43B	460	3	60	2.5 - 3.9
74MM43C	460	3	60	0.63 - 0.99
74MM43D	460	3	60	1.0 - 1.59

FLA = Full Load Amperes



Horizontal Mount



Incline Mount



Bracket Mount

Support Stand Quantity Chart

- Horizontal Mount Version for direct conveyor mounting, conveyor must be level (Mount directly to conveyor)
- Foot self-aligns 10° for sloped floors
- +/- 2" height adjustment
- All components are stainless steel brushed to #4 finish
- Incline Mount Version for angled conveyor applications
- Sanitary Support Stands do not require mounting brackets

7600 Series Straight Conveyors

Conveyor Length	Number of Supports
36" (0.8m) - 132" (3.4m)	2
133" (3.4m) - 252" (6.4m)	3
253" (6.4m) - 372" (9.4m)	4
373" (9.5m) - 480" (12.2m)	5

Straight Conveyor Fixed Foot Model

Conveyor Width	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	60" (1,524)
WW Part # Reference	06	08	10	12	14	02 increments up to...	60
HM	Stand Width	15.85" (403)	17.85" (453)	19.85" (504)	21.85" (555)	23.4" (594)	2" (51) increments up to... 69.4" (1,762)
	Top of Belt Height	19-23" (483-584)			1" (25) increments up to... 70-74" (1,778-1,880)		
	HH Part # Reference	1923			0101 increments up to... 7074		
AM	Stand Width	17.81" (452)	19.81" (503)	21.81" (554)	23.81" (605)	25.8" (655)	2" (51) increments up to... 71.8" (1,823)
	Top of Belt Height	19-23" (483-584)			1" (25) increments up to... 70-74" (1,778-1,880)		
	HH Part # Reference	1923			0101 increments up to... 7074		
BM	Stand Width	10.25" (260)	12.25" (311)	14.25" (362)	16.25" (413)	18.25" (464)	2" (51) increments up to... 64.25" (1,632)
	Top of Belt Height	13-17" (330-432)			or 16-20" (406-508)		
	HH Part # Reference	1317			or 1620		

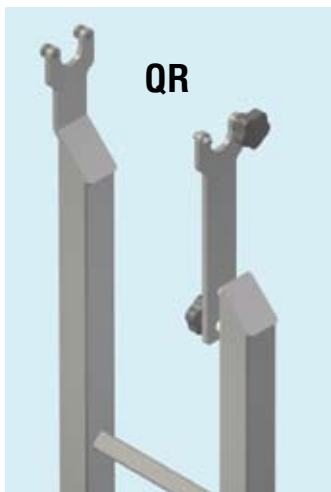
Straight Conveyor Swivel Locking Caster Model*

Conveyor Width	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	60" (1,524)
WW Part # Reference	06	08	10	12	14	02 increments up to...	60
HM	Stand Width	15.85" (403)	17.85" (453)	19.85" (504)	21.85" (555)	23.4" (594)	2" (51) increments up to... 69.4" (1,762)
	Top of Belt Height	24-28" (610-711)			1" (25) increments up to... 70-74" (1,778-1,880)		
	HH Part # Reference	2428			0101 increments up to... 7074		
AM	Stand Width	17.81" (452)	19.81" (503)	21.81" (554)	23.81" (605)	25.8" (655)	2" (51) increments up to... 71.8" (1,823)
	Top of Belt Height	24-28" (610-711)			1" (25) increments up to... 70-74" (1,778-1,880)		
	HH Part # Reference	2428			0101 increments up to... 7074		
BM	Stand Width	10.25" (260)	12.25" (311)	14.25" (362)	16.25" (413)	18.25" (464)	2" (51) increments up to... 64.25" (1,632)
	Top of Belt Height	18-22" (457-559)			or 21-25" (553-635)		
	HH Part # Reference	1822			or 2125		

Note: HH is to Conveyor Top of Belt. * Some caster model support stands are equipped with integrated outriggers. Contact factory for details.

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaPruf® 7600 SERIES: SUPPORT STANDS



QR

Quick Release Mount

Quick Release Support Stands

- Fast belt removal with No Tools Required
- No more removing stands to change belts
- Require the use of the two (2 per stand) included Type 1 Sanitary Floor Anchors (see below for details)

Use stand quantity chart from page 179

Quick Release Support Stands

Conveyor Width	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	36" (914)
WW Part # Reference	06	08	10	12	14	02 increments up to...	36
QR	Stand Width	12.6" (320)	14.6" (371)	16.6" (422)	18.6" (472)	18.43" (468)	2" (51) increments up to... 40.43" (1,027)
	Top of Belt Height	19-23" (483-584)			1" (25) increments up to...		70-74" (1,778-1,880)
	HH Part # Reference	1923			0101 increments up to...		7074

Note: HH is to Conveyor Top of Belt. **The Quick Release Stands require the use of Floor Anchors (see below).**
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

TALL SUPPORT STANDS

Fixed Foot Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Foot *	(0.263)(HH max) + (WW + 6) inches				
Top of Belt (Minimum)	71" (1,803)	72" (1,829)	73" (1,854)	in 1" (25mm) increments up to...	95" (2,413)
Top of Belt (Maximum)	75" (1,905)	76" (1,930)	77" (1,956)	in 1" (25mm) increments up to...	99" (2,515)
HHHH Part Number	7175	7276	7377	in 01 increments up to...	9599

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications
- Includes Diagonal Brace for stability
- Tall Support Stands require the use of floor anchors



Horizontal Mount Tall Stand

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.



Horizontal Mount



Adjustable Mount

LOW HEIGHT SUPPORT STANDS

Fixed Foot Model

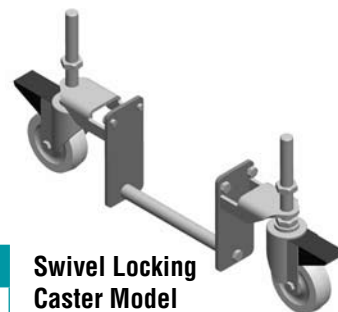
Top of Belt (Minimum)	7" (178)	9" (229)
Top of Belt (Maximum)	11" (279)	13" (330)
HHHH Part # Reference	0711	0913
Stand Width at Foot *	WW + 10.5" (267mm)	

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Caster is swivel locking
- Horizontal conveyor mounts only

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

Swivel Locking Caster Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Caster *	22" (559)	24" (610)	26" (660)	in 2" (51mm) increments up to...	78" (1,981)
Top of Belt (Minimum)	12" (305)		14" (356)		16" (406)
Top of Belt (Maximum)	16" (406)		18" (457)		20" (508)
HHHH Part Number	1216		1418		1620

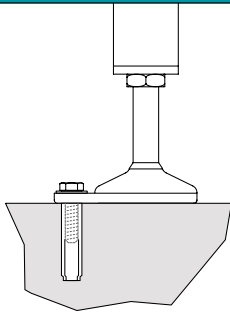


Swivel Locking Caster Model

Note: Dimensions = in (mm)

For ordering information, see page 187

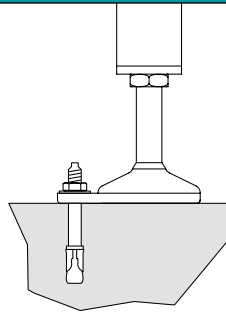
SANITARY FLOOR ANCHOR KITS



Type 1 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 1.57" (40 mm) drop in
- Stainless Steel
- Anchor is flush with floor upon removal of bolt
- Two (2) per anchor kit

Part No. FAS-1

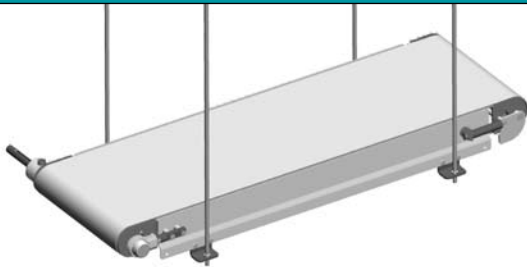


Type 2 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 2 3/4" (70 mm)
- Stainless Steel
- Threaded anchor bolt protrudes above floor after installation
- Two (2) per anchor kit

Part No. FAS-2

HORIZONTAL CEILING SUPPORTS



- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others

Part No. 39HCS

ADJUSTABLE ANGLE CEILING SUPPORTS



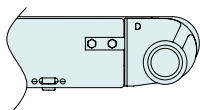
- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others
- Mounting block pivots to support incline mounts from 0° to 60°

Part No. 39ACS

ACCESSORIES

Motorized Pulley

- 304 stainless steel for durability in tough applications
- Sealed drum motor is ideal for heavy duty washdown applications
- Pulley locating supports allow for fast removal and relocating for sanitation
- No fasteners are used to locate sprockets on motorized pulley
- Innovative sprocket locating key way allows for fast and effective sanitation



MOTORIZED PULLEY TAIL

For full details,
see 7400 section,
page 140



For ordering information, see page 186

AquaPruf® 7600 SERIES: PART NUMBER REFERENCE

7600 SERIES: FLAT BELT END DRIVE

7 6 M WW - LLL S C D G BB MP

Motorized Pulley (Optional Parameter)
MP = With Motorized Pulley
Blank = No Motorized Pulley

Belt Type

Guiding: 1 = Low Side 3 = 1.5" High Side
 2 = 1" High Side 4 = 3" High Side

Tail Types / Drive Shaft Position: ***

A = Standard Tail / Position A **J** = 1" Nose Bar / Position A
B = Standard Tail / Position B **K** = 1" Nose Bar / Position B
C = Standard Tail / Position C **L** = 1" Nose Bar / Position C
D = Standard Tail / Position D **M** = 1" Nose Bar / Position D
E = 1/2" Nose Bar / Position A **N** = 1 7/8" Nose Bar / Position A
F = 1/2" Nose Bar / Position B **O** = 1 7/8" Nose Bar / Position B
G = 1/2" Nose Bar / Position C **P** = 1 7/8" Nose Bar / Position C
H = 1/2" Nose Bar / Position D **Q** = 1 7/8" Nose Bar / Position D

Cleaning Options: **

O = None
A = Access Windows **F** = Belt Lifters & Discharge Scraper - Primary Position
B = Belt Lifters **G** = Belt Lifters & Discharge Scraper - Secondary Position
C = Access Windows & Belt Lifters **H** = Access Windows & Discharge Scraper - Primary Position
D = Discharge Scraper - Primary Position **J** = Access Windows & Discharge Scraper - Secondary Position
E = Discharge Scraper - Secondary Position **K** = Access Windows, Belt Lifters & Discharge Scraper - Primary Position
L = Access Windows, Belt Lifters & Discharge Scraper - Secondary Position

Idler End Stand Location: *

A = no stand mounting holes **G** = 12" from idler end with braces
B = 12" from idler end **H** = 18" from idler end with braces
C = 18" from idler end **J** = 24" from idler end with braces
D = 24" from idler end **K** = 30" from idler end with braces
E = 30" from idler end **M** = 36" from idler end with braces
F = 36" from idler end

Drive End Stand Location: *

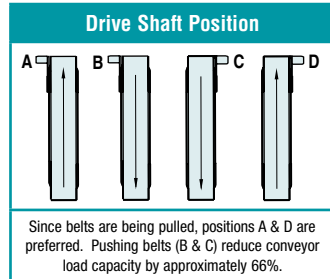
A = no stand mounting holes **G** = 12" from drive end with braces
B = 12" from drive end **H** = 18" from drive end with braces
C = 18" from drive end **J** = 24" from drive end with braces
D = 24" from drive end **K** = 30" from drive end with braces
E = 30" from drive end **M** = 36" from drive end with braces
F = 36" from drive end

Length: 036 - 480

Belt Width: 06 - 60

Language: **M** = English, **U** = CE English

Bed & V-Guide: **6** = Wear Strip bed with V-Guided belt
5 = Stainless Steel bed with V-Guided belt
A = Wear Strip bed with Non V-Guided belt
B = Stainless Steel bed with Non V-Guided belt



Example: 76M10084CBJJ103

Description: AquaPruf 7600 Series End Drive sanitary straight conveyor with v-guide belt tracking, 10" (254mm) wide belt x 7' (2134mm) long, output shaft in position A with UHMW wear strip belt support, belt scraper in the secondary position, 1" (25mm) idler nose bar pulley, low side profile and type O3 standard high friction belt with fused finger splice. Configured to have Dorner sanitary support stands 18" (457mm) from drive end and 12" (305mm) from idler end. Requires a Dorner gearmotor mounting package.

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

*Stand location may be dependent upon conveyor length.

**Infeed scrapers available as a special capability.

***Additional tail configurations are available as a special capability.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7600 SERIES: FLAT BELT CENTER DRIVE

7 6 M WW - LLL S C D G BB

Belt Type

Guiding: 1 = Low Side 3 = 1.5" High Side
2 = 1" High Side 4 = 3" High Side

Tail Types / Drive Shaft Position: ***

A = Standard Tail / Position A	F = 1/2" Nose Bar, Discharge End / Position A
D = Standard Tail / Position D	G = 1/2" Nose Bar, Discharge End / Position D
E = 1/2" Nose Bar, Both Ends / Position A	K = 1" Nose Bar, Infeed End / Position A
H = 1/2" Nose Bar, Both Ends / Position D	L = 1" Nose Bar, Infeed End / Position D
J = 1" Nose Bar, Both Ends / Position A	P = 1" Nose Bar, Discharge End / Position A
M = 1" Nose Bar, Both Ends / Position D	R = 1" Nose Bar, Discharge End / Position D
N = 1 7/8" Nose Bar, Both Ends / Position A	S = 1 7/8" Nose Bar, Infeed End / Position A
Q = 1 7/8" Nose Bar, Both Ends / Position D	T = 1 7/8" Nose Bar, Infeed End / Position D
B = 1/2" Nose Bar, Infeed End / Position A	U = 1 7/8" Nose Bar, Discharge End / Position A
C = 1/2" Nose Bar, Infeed End / Position D	V = 1 7/8" Nose Bar, Discharge End / Position D

Cleaning Options: **

O = None	F = Belt Lifters & Discharge Scraper - Primary Position
A = Access Windows	G = Belt Lifters & Discharge Scraper - Secondary Position
B = Belt Lifters	H = Access Windows & Discharge Scraper - Primary Position
C = Access Windows & Belt Lifters	J = Access Windows & Discharge Scraper - Secondary Position
D = Discharge Scraper - Primary Position	K = Access Windows, Belt Lifters & Discharge Scraper - Primary Position
E = Discharge Scraper - Secondary Position	L = Access Windows, Belt Lifters & Discharge Scraper - Secondary Position

Idler End Stand Location: *

A = no stand mounting holes	G = 12" from idler end with braces
B = 12" from idler end	H = 18" from idler end with braces
C = 18" from idler end	J = 24" from idler end with braces
D = 24" from idler end	K = 30" from idler end with braces
E = 30" from idler end	M = 36" from idler end with braces
F = 36" from idler end	

Drive End Stand Location: *

A = no stand mounting holes	G = 12" from drive end with braces
B = 12" from drive end	H = 18" from drive end with braces
C = 18" from drive end	J = 24" from drive end with braces
D = 24" from drive end	K = 30" from drive end with braces
E = 30" from drive end	M = 36" from drive end with braces
F = 36" from drive end	

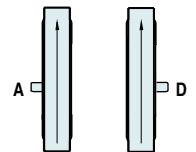
Length: 048 - 480

Belt Width: 06 - 60

Language: M = English, U = CE English

Bed & V-Guide: 1 = Wear Strip bed with V-Guided belt
O = Stainless Steel bed with V-Guided belt
N = Wear Strip bed with Non V-Guided belt
P = Stainless Steel bed with Non V-Guided belt

Drive Shaft Position



Example: 71M12120HHGE105

Description: AquaPruf 7600 Series Center Drive sanitary straight conveyor with v-guide belt tracking, 12" (305mm) wide belt x 10' (3048mm) long, output shaft in position A with UHMW wear strip belt support, belt scraper in the secondary position, 1/2" (13mm) idler nose bar pulleys, low side profile and type O5 standard accumulation belt with fused finger splice. Configured to have Dorner sanitary support stands with diagonal braces 18" (457mm) from drive end and 18" (457mm) from idler end. Requires a Dorner gearmotor mounting package.

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

*Stand location may be dependent upon conveyor length.

**Infeed scrapers available as a special capability.

***Additional tail configurations are available as a special capability.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

AquaPruf® 7600 SERIES: PART NUMBER REFERENCE

7600 SERIES: CLEATED BELT END DRIVE

7 A M WW - LLL S S C D SSSS MP

Motorized Pulley (Optional Parameter)
 MP = With Motorized Pulley
 Blank = No Motorized Pulley

Cleat Spacing
Drive Shaft Position: A, B, C or D

Cleaning & V-Guide Options:

- O = V-guided
- A = V-guided & Access Windows
- B = V-guided & Belt Lifters
- C = V-guided, Access Windows & Belt Lifters
- F = Non V-guided
- G = Non V-guided & Access Windows
- H = Non V-guided & Belt Lifters
- J = Non V-guided, Access Windows & Belt Lifters

Idler End Stand Location: *

- A = no stand mounting holes
- B = 12" from idler end
- C = 18" from idler end
- D = 24" from idler end
- E = 30" from idler end
- F = 36" from idler end
- G = 12" from idler end with braces
- H = 18" from idler end with braces
- J = 24" from idler end with braces
- K = 30" from idler end with braces
- M = 36" from idler end with braces

Drive End Stand Location: *

- A = no stand mounting holes
- B = 12" from drive end
- C = 18" from drive end
- D = 24" from drive end
- E = 30" from drive end
- F = 36" from drive end
- G = 12" from drive end with braces
- H = 18" from drive end with braces
- J = 24" from drive end with braces
- K = 30" from drive end with braces
- M = 36" from drive end with braces

Length: 036 - 480

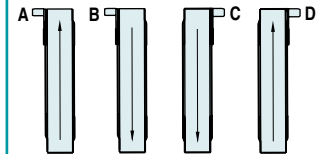
Belt Width: 06 - 24

Language: M = English, U = CE English

Cleat Type:

- | | | |
|--|------------------------------------|--|
| A = Standard 1.00" (25mm) Cleat | N = Edge Sealed 0.79" (20mm) Cleat | U = Sidewall Cleated, 1.18 (30) Cleat |
| B = Standard 1.57" (40mm) Cleat | P = Edge Sealed 1.57" (40mm) Cleat | V = Sidewall Cleated, 1.97 (50) Cleat |
| C = Standard 2.36" (60mm) Cleat | Q = Edge Sealed 2.36" (60mm) Cleat | W = Sidewall Cleated, Edge Sealed, 1.18 (30) Cleat |
| G = Standard 0.43 (11mm) Cleat | R = Encased 0.79" (20mm) Cleat | X = Sidewall Cleated, Edge Sealed, 1.97 (50) Cleat |
| J = Standard 1.00" (25mm) Low Friction Cleat | S = Encased 1.57" (40mm) Cleat | Y = Sidewall Cleated, Encased, 1.18 (30) Cleat |
| K = Standard 1.57" (40mm) Low Friction Cleat | T = Encased 2.36" (60mm) Cleat | Z = Sidewall Cleated, Encased, 1.97 (50) Cleat |
| L = Standard 2.36" (60mm) Low Friction Cleat | | |
| M = Standard 0.43 (11mm) Low Friction Cleat | | |

Drive Shaft Position



Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

Example: 7SM14108GHAA1836

Description: AquaPruf 7600 Series cleated sanitary straight conveyor with v-guide belt tracking, 14" (356mm) wide belt x 9' (2743mm) long, output shaft in position A with type S 1.57" (40mm) straight cleats on 18.36" (466mm) centers. Configured to have Dornier sanitary support stands with diagonal braces 12" (305mm) from drive end and 18" (457mm) from idler end. Requires a Dornier gearmotor mounting package.

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

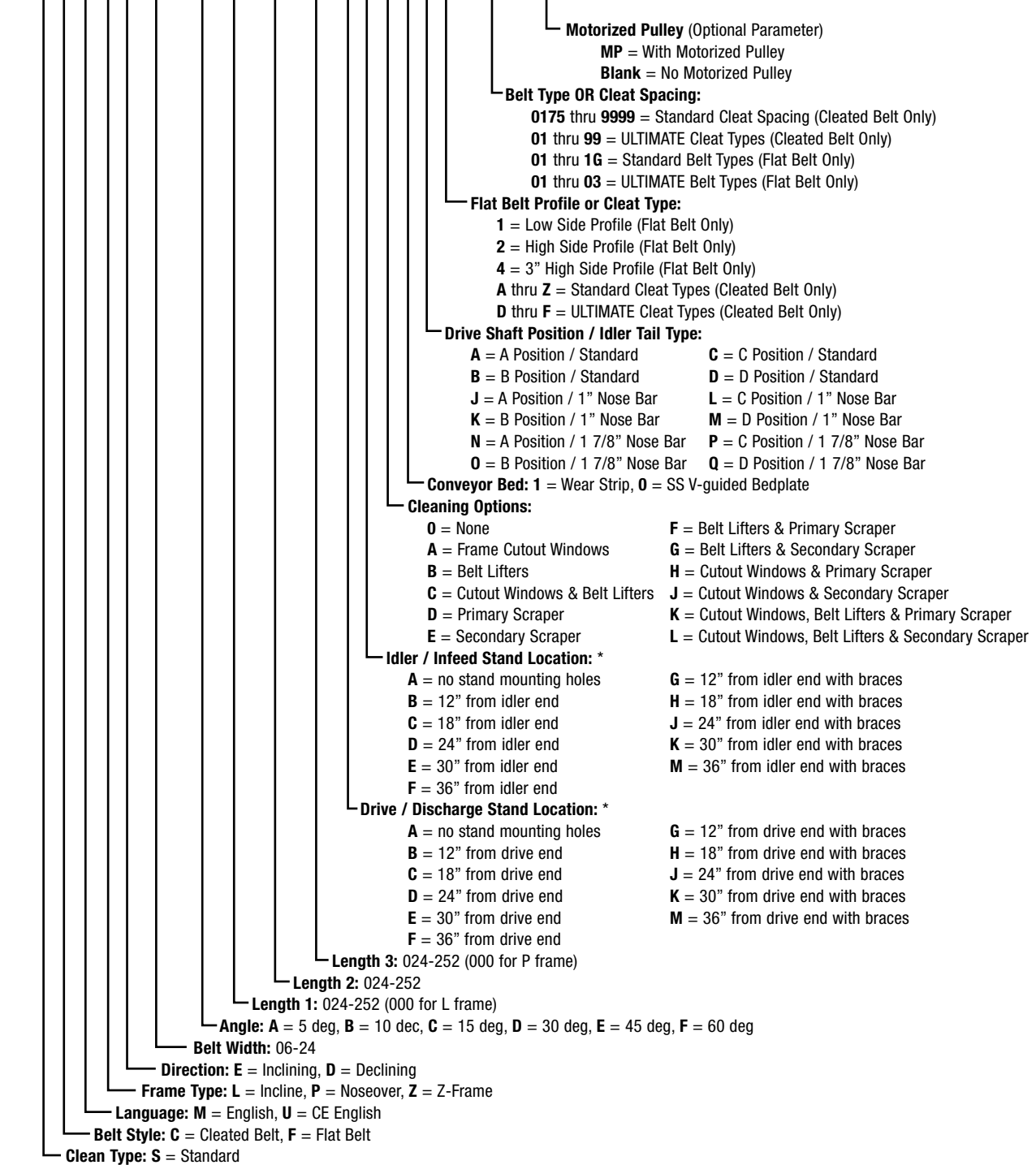
*Stand location may be dependent upon conveyor length.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dornier has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dornier.com.

7600 SERIES: Z-FRAME FLAT & CLEATED

76 S C M L E W W - A L L L L L L C A C 1 A A B B (SS) M P



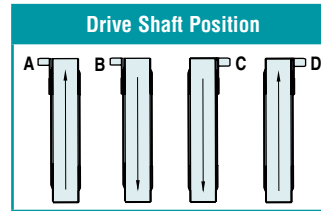
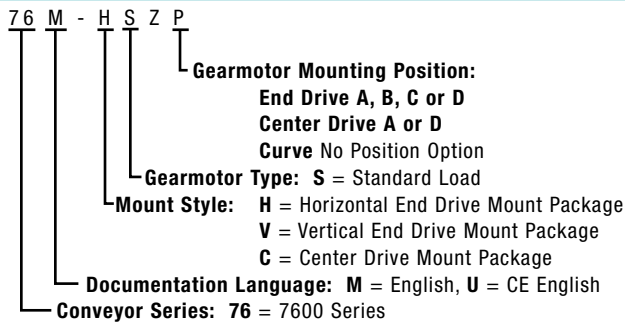
Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

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AquaPruf® 7600 SERIES: PART NUMBER REFERENCE

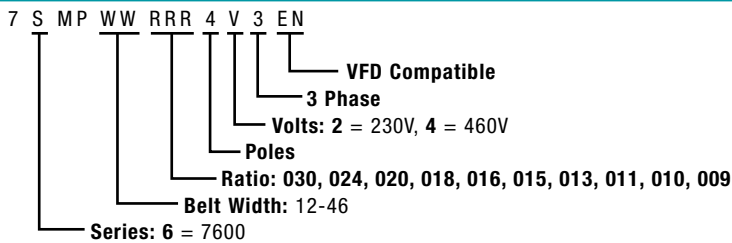
7600 SERIES: GEARMOTOR MOUNTING PACKAGES



Example: 76M-HSZA

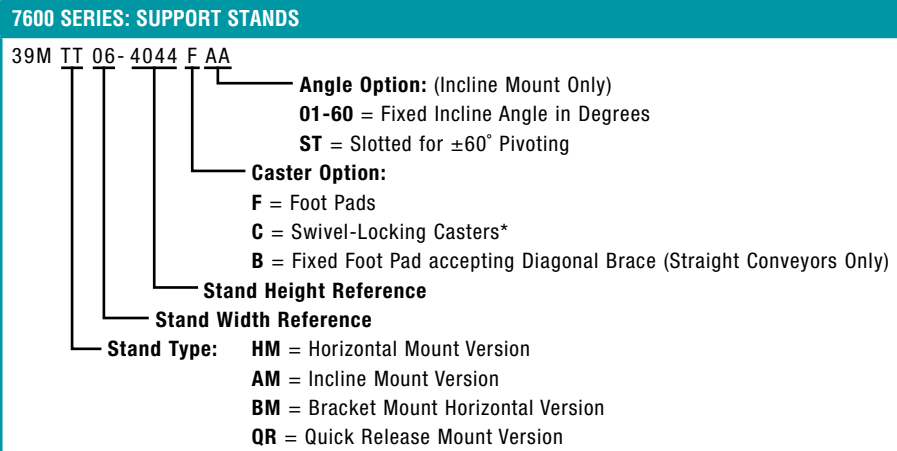
Description: 7600 series horizontal side mount package mounted in the A position.

7600 SERIES: MOTORIZED PULLEY

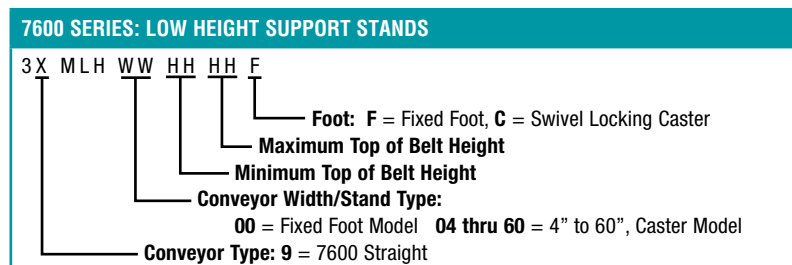
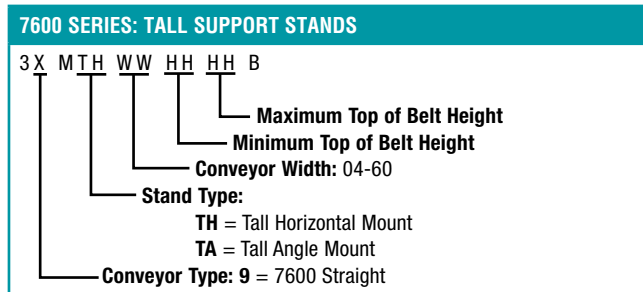


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For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.



*Stands equipped with casters accept diagonal bracing.



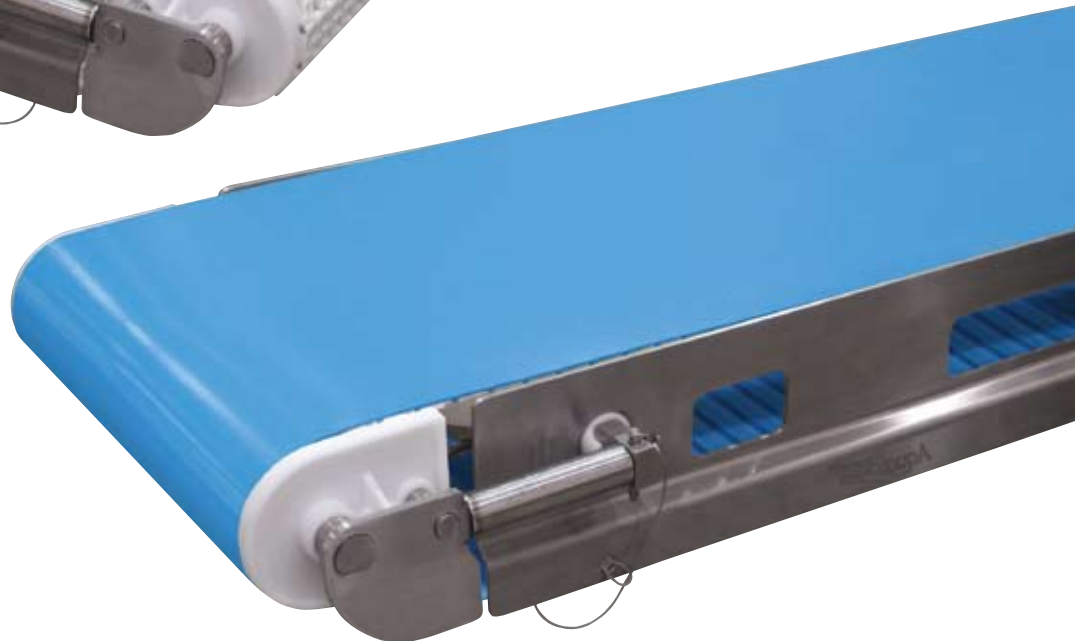
These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

AQUAPRUF SERIES

7400 & 7600 ULTIMATE
SANITARY CONVEYORS

*Aqua***Pruf**[®]



General Specifications:

- Straight Flat and Cleated Modular Belt
- Curved Flat Modular Belt
- Z-Frame Flat and Cleated Modular Belt
- Flat and Cleated Positive Driven Belt
- Z-Frame Flat and Cleated Positive Driven Belt
- Loads up to 20 lbs per square foot of belt (90 kg/m²)
- Lengths up to 83' (25,575 mm)
- Widths up to 36" (914 mm)
- Continuous TIG Welded 304 stainless steel frame



Solid Cross Members
(No Hollow Tubes)



**#4 Polish on all
Internal Frame
Members**



**TIG Welded Stand
Offs Keep Fasteners
Out of Food Zone**

ULTIMATE SERIES FEATURE OVERVIEW **190**

7600 ULTIMATE POSITIVE DRIVEN BELT **192**

7400 ULTIMATE MODULAR CHAIN **194**

PROFILES **196**

BELTING **199**

GEARMOTOR MOUNTING PACKAGES **204**

GEARMOTORS **205**

SUPPORT STANDS & ACCESSORIES **208**

PART NUMBER REFERENCE **212**

The ULTIMATE Series has been engineered for Fast & Effective Sanitation in the most demanding environments. These include RTE foods, raw protein (meat - poultry - fish), dairy and other environments with high pressure sanitation requirements.



HIGHEST LEVEL OF SANITATION



Solid Cross Members
(No Hollow Tubes)



TIG Welded Stand Offs
Keep Fasteners Out
of Food Zone



Grooved Spindle
Guard for Increased
Sanitation Access



Stainless Steel
Pin Tethers to
Aid in Sanitation



Threadless Stainless Steel
Support Stand Feet





Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 36" (914 mm)
- Lengths: 36" (914 mm) to 40' (12.2 m)
- Belt speed: 233 ft/min maximum (71 m/min)
- Solid urethane belting, includes Belt Scraper
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all frame surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- USDA Accepted Belting
- Meets USDA, NSF & AMI design specifications

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together (can be welded together on site).
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Solid Urethane belt is sprocket driven for consistent performance and has no bacteria harboring hinges or pins.
- Open Belt Tracking Flanges and solid UHMW idler pucks create access to pulleys.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.
- TIG welded stand offs keep fasteners out of the food zone.



Belt Scraper

UHMW blade removes build-up & is easily adjusted



Positive Drive



**OPTIONAL:
Motorized Pulley**

For fast and effective sanitation

Order gearmotor mounting packages and gearmotors separately; see pages 204-206. For support stands and accessories, see pages 208-211.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 212

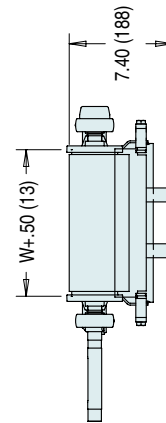
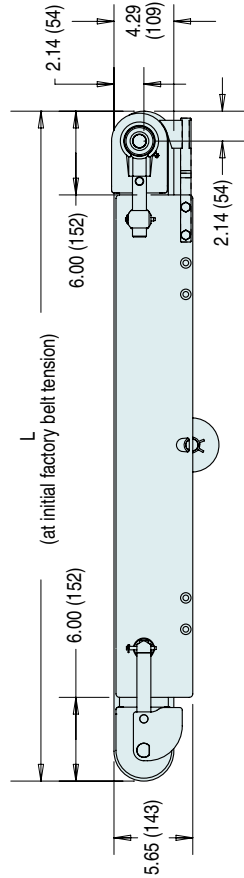
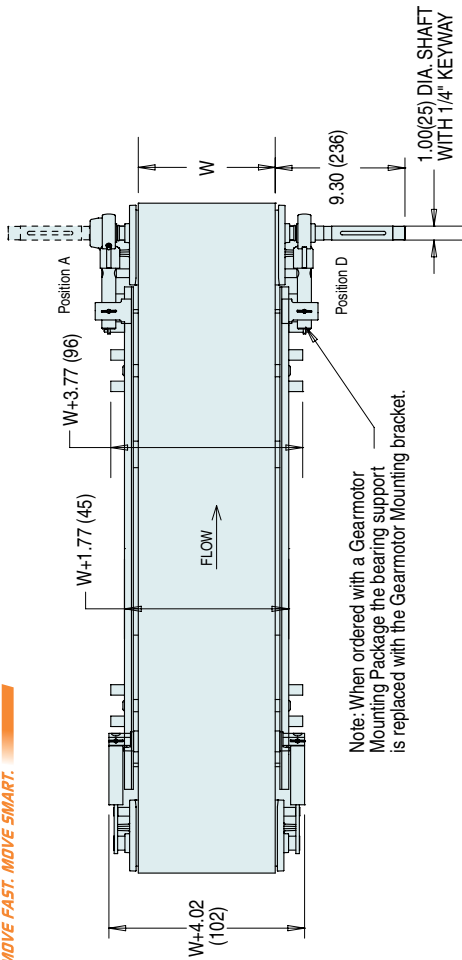
SANITARY OPTIONS:



FRAME CUTOUTS

BELT LIFTER

MOTORIZED PULLEY



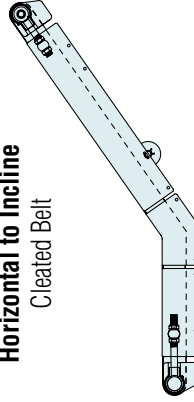
W = Conveyor Belt Width Dim = in (mm)

CONFIGURATIONS AVAILABLE

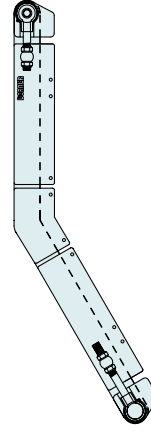
Straight
Flat & Cleated Belt



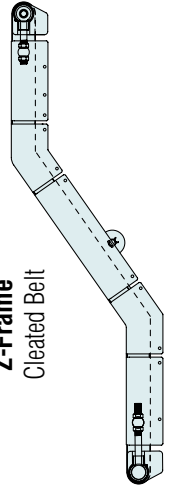
Horizontal to Incline
Cleated Belt



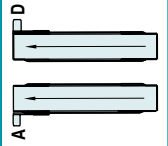
Nose-Over
Flat & Cleated Belt



Z-Frame
Cleated Belt



Drive Shaft Position



STANDARD SIZES

Conveyor Width Reference	06	02 increments up to ...	36
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to ...	36" (914mm)
Conveyor Length Reference	036	001 increments up to ...	480
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to ...	480" (12,192mm)

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

AquaPruf® 7400 ULTIMATE SERIES: MODULAR BELT



Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 36" (914 mm)
- Lengths: 36" (914 mm) to 999" (25,375 mm)
- Belt speed: 233 ft/min maximum (71 m/min)
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all frame surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- USDA Approved belting and plastic components
- Meets USDA, NSF & AMI design specifications

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together (can be welded together on site).
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Open Belt Tracking Flanges and solid UHMW idler pucks create access to pulleys.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- The return belt supports are segmented plastic slide blocks and are easily removed without tools for effective cleaning.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Nose bar idler ends (optional) are constructed of a machined UHMW bar to provide a 1.5" diameter transfer.
- The nose bar drive configuration (optional) allows the use of the nose bar transfer on each end of the conveyor for small product transfers.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.
- TIG welded stand offs keep fasteners out of the food zone.



**OPTIONAL:
Clean-in-Place Module**

Available in Idler Tail.
Cleans inner and outer surface of belt.



**OPTIONAL:
Motorized Pulley**

For fast and
effective sanitation

Order gearmotor mounting packages and gearmotors separately; see pages 204-206. For support stands and accessories, see pages 208-211.

Note: Proper conveyor application, cleaning and sanitation is the responsibility of the end user. When required, Dorner can passivate conveyors or provide most materials in 316 or 316L stainless steel.

For ordering information, see page 215

SANITARY OPTIONS:



NOSE BAR



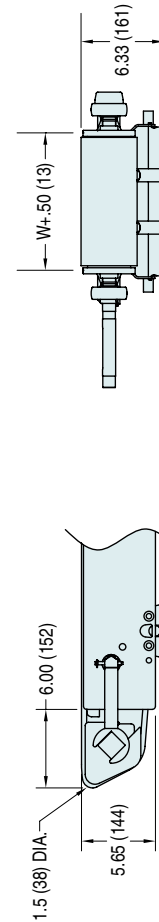
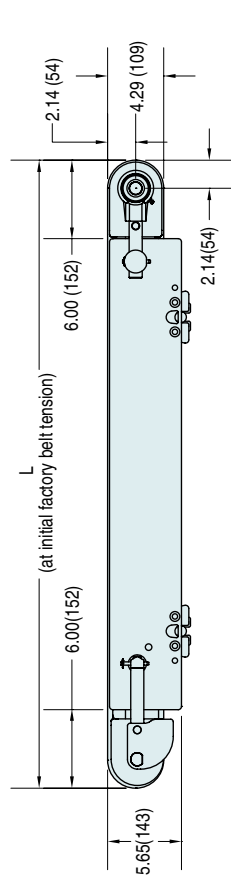
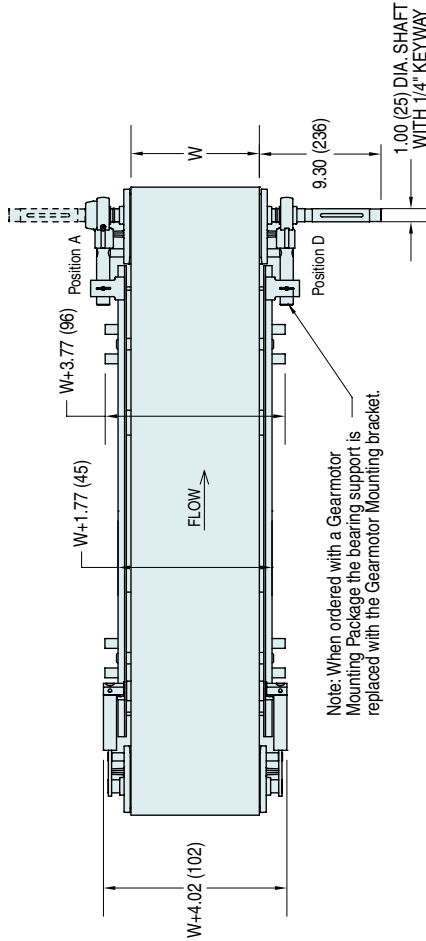
FRAME CUTOUTS



BELT LIFTER



MOTORIZED PULLEY

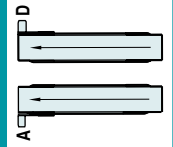


W = Conveyor Belt Width Dim = in (mm)

STANDARD SIZES

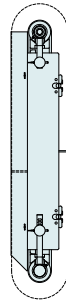
Conveyor Width Reference	06	02 increments up to...	36
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to...	36" (914mm)
Conveyor Length Reference	036	001 increments up to...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to...	999" (25,375mm)

Drive Shaft Position

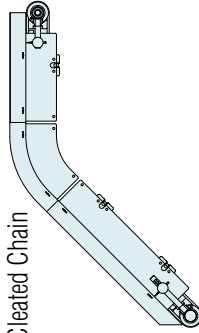


CONFIGURATIONS AVAILABLE

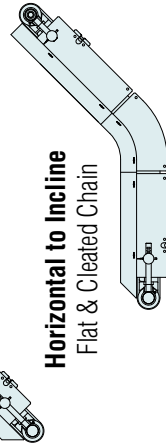
Straight
Flat & Cleated Chain



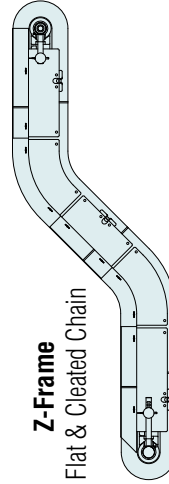
Nose-Over
Flat & Cleated Chain



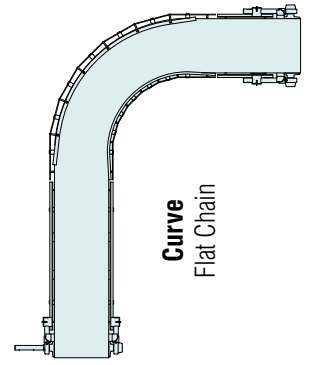
Horizontal to Incline
Flat & Cleated Chain



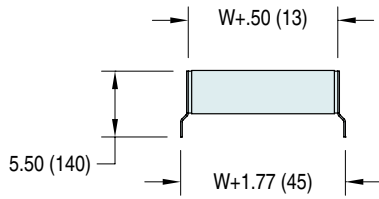
Z-Frame
Flat & Cleated Chain



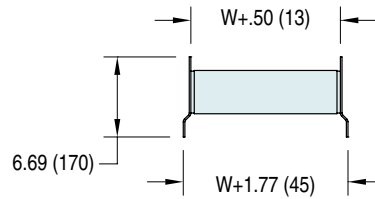
Curve
Flat Chain



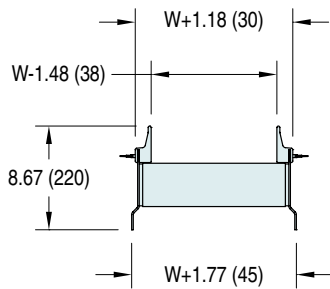
FLAT BELT PROFILES



Profile 1
Low Side

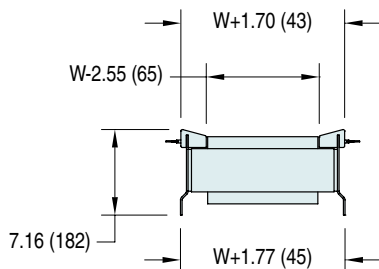


Profile 2
1" (25) High Side

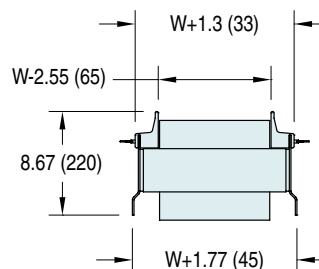


Profile 4
3" (76) High Side

CLEATED BELT PROFILES



Profile for Cleat
Types A, G, J,
M, N & R



Profile for Cleat
Types B, C, K, L,
P, Q, S & T

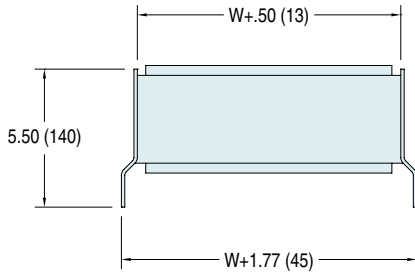
EASY REMOVAL OF PROFILES



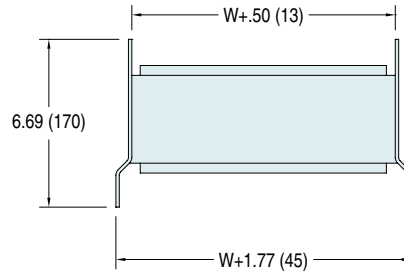
Several of our profile options include solid UHMW strips which are easily removed from the conveyor for sanitation by pulling pins on each end.

All pins are tethered to the frame to aid in sanitation.

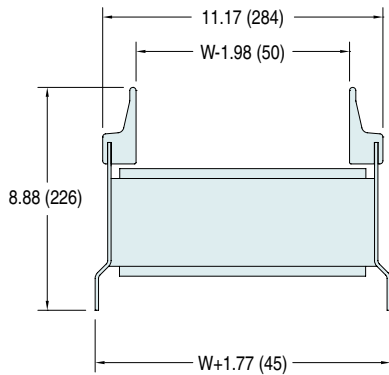
FLAT MODULAR BELT PROFILES



PROFILE 1
LOW SIDE

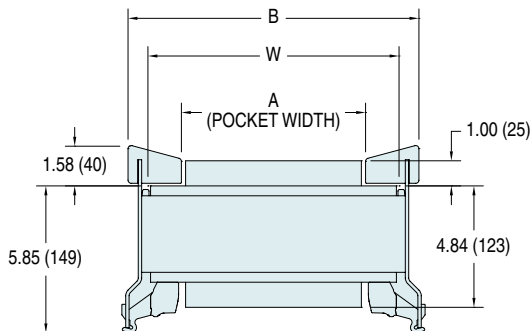


PROFILE 2
HIGH SIDE

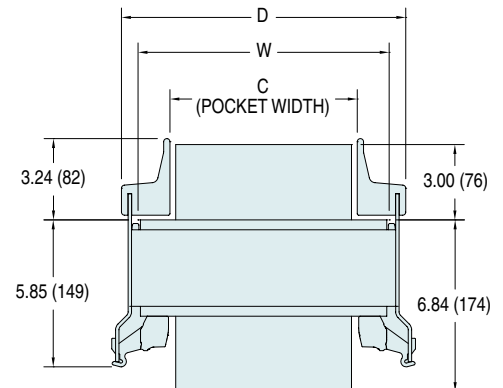


PROFILE 3
3" HIGH SIDE

CLEATED MODULAR BELT PROFILES



- A=** $W - 2.56 (65)$ for 6.00 (152) - 16.00 (406) Wide
 $W - 2.72 (69)$ for 18.00 (457) - 24.00 (610) Wide
- B=** $W + 1.69 (43)$ for 6.00 (152) - 16.00 (406) Wide
 $W + 1.54 (39)$ for 18.00 (457) - 24.00 (610) Wide

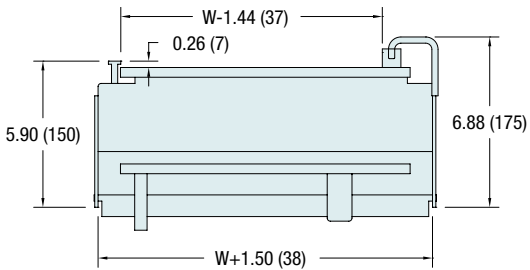


- C=** $W - 2.56 (65)$ for 6.00 (152) - 16.00 (406) Wide
 $W - 2.72 (69)$ for 18.00 (457) - 24.00 (610) Wide
- D=** $W + 1.34 (34)$ for 6.00 (152) - 16.00 (406) Wide
 $W + 1.18 (30)$ for 18.00 (457) - 24.00 (610) Wide

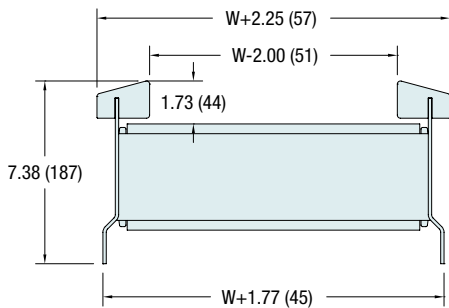
CLEAT WIDTH WILL VARY PER BELT TYPE

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

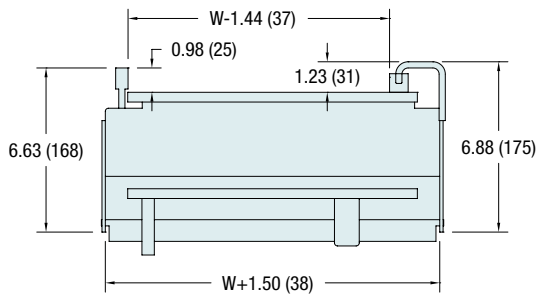
CURVE MODULAR BELT PROFILES



CURVE MODULE PROFILE 1

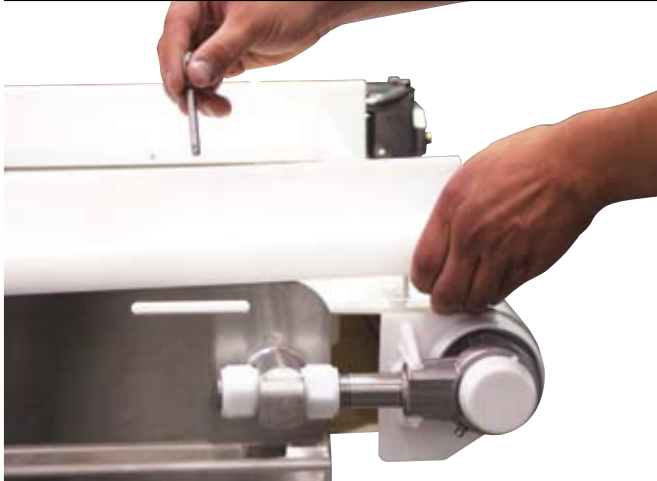


CURVE STRAIGHT MODULE PROFILE 2



CURVE MODULE PROFILE 2

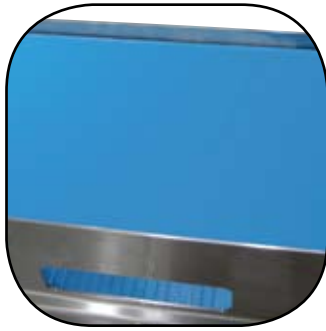
EASY REMOVAL OF PROFILES



The UHMW profiles are easily removed from the conveyor for sanitation by pulling pins on each end.

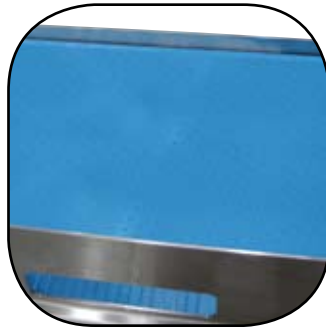
All pins are tethered to the frame to aid in sanitation.

STANDARD POSITIVE DRIVE BELTING AVAILABLE

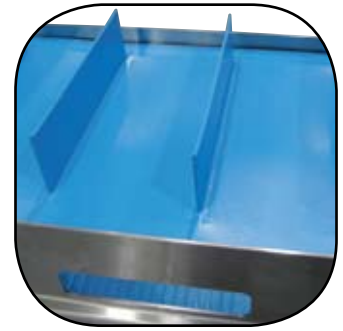


Flat Belt

(Also available in white)



Flat Dome Belt



Flat Cleated Belt

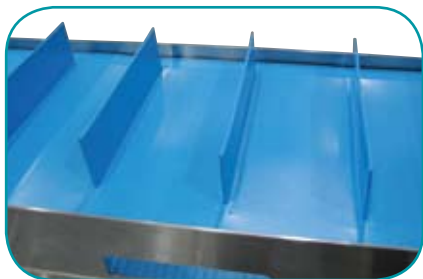
POSITIVE DRIVEN BELT FEATURES

- No bacteria harboring hinges or pins
- Sprocket driven for consistent performance
- Excellent abrasion and tear resistance
- Easy to clean

STANDARD BELT SELECTION GUIDE

Description	Surface Material	Overall Thickness	Max. Part Temp.	Sanitation Temp.	USDA Approval	Chemical Resistance	Special Characteristics
Flat Belt Smooth, Matte Finish	Homogeneous thermoplastic, FDA Compliant Polyurethane	0.236" (6mm)	-20° F to +176° F	up to 185° F	x	Very Good	Smooth Surface
Flat Dome Belt Positive Drive	Homogeneous thermoplastic, FDA Compliant Polyurethane	0.25" (6.3mm)	-20° F to +176° F	up to 185° F	x	Very Good	Enhanced Grip/Release Performance
Flat Belt with Cleats	Homogeneous thermoplastic, FDA Compliant Polyurethane	0.236" (6mm) Cleats 4mm thick	-20° F to +176° F	up to 185° F	x	Very Good	Smooth Surface/ Incline & Decline Use

CLEAT HEIGHTS



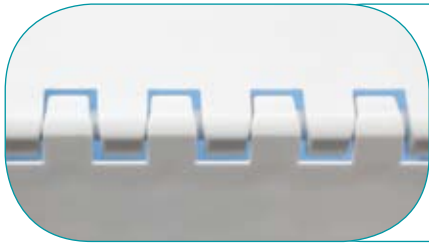
Cleats available at 0.24" (6 mm), 1" (25 mm) and 3" (76 mm) heights

Dorner's Standard Modular Belting offers these valuable advantages:



Oblong Hole

improves access to hinge area during sanitation.



Open Hinge Design

allows easy cleaning through an enlarged hinge gap.



Friction Inserts

are available for incline applications. Inserts may be placed along entire length of the belt or spaced for belt drainage.

Friction inserts are indented 2" (51 mm) from each belt edge.



Flat Top Belts

provide a very closed surface for complete product support and easy wiping.



Flush Grid Belts

provide an open surface for better drainage, cleaning and sanitation.

Standard Modular Belt Options

Belt Type		Part Number Reference	Description	% Open	Pitch in (mm)	Belt Thickness in (mm)	Color	Belt Material	Rod Material	Minimum Product Temperature F(C)****	Maximum Product Temperature F(C)****	FDA / CFIA Approved*	Chemical Resistance	Wear Resistance	Maximum Incline / Decline (degrees)**	Nose Bar Idler Diameter in (mm)
Straight Flat Belts	Standard Drive & Idler Pulley	MA	Flat top	0	1.0 (25)	0.43 (11)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	N/A
		MB	Flat top	0	1.0 (25)	0.43 (11)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	N/A
		MC	Flush Grid	35	1.0 (25)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	N/A
		MD	Flush Grid	35	1.0 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	N/A
	Nose Bar Drive or Nose Bar Idler	MG	Flat top	0	0.5 (13)	0.39 (10)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	0.75 (19)
		MH	Flat top	0	0.5 (13)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	0.75 (19)
		MJ	Flush Grid	25	0.5 (13)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	5	0.75 (19)
		MK	Flush Grid	25	0.5 (13)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	5	0.75 (19)
Cleated Straight Belts (see page 125 for cleat options)	Standard Drive & Idler Pulley	NA	Flat top w/ 1" Cleats	0	1.0 (25)	0.43 (11)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	45***	N/A
		NB	Flat top w/ 1" Cleats	0	1.0 (25)	0.43 (11)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45***	N/A
		NC	Flat top w/ 3" Cleats	0	1.0 (25)	0.43 (11)	White	Acetal	Polyethylene	-40 (-40)	215 (102)	Y	Good	V-Good	45***	N/A
		ND	Flat top w/ 3" Cleats	0	1.0 (25)	0.43 (11)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45***	N/A
		NE	Flush Grid w/ 1" cleats	35	1.0 (25)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	45***	N/A
		NF	Flush Grid w/ 1" cleats	35	1.0 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45***	N/A
		NG	Flush Grid w/ 3" cleats	35	1.0 (25)	0.39 (10)	White	Acetal	Polypropylene	-40 (-40)	215 (102)	Y	Good	V-Good	45***	N/A
		NH	Flush Grid w/ 3" cleats	35	1.0 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	275 (135)	Y	V-Good	Good	45***	N/A
Friction Top Straight Belts	Standard & Nose Bar Idler Pulley	SEE TABLE BELOW	Flat top w/ friction inserts	0	1.0 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	1.6 (41)
		SEE TABLE BELOW	Flush Grid w/ friction inserts	35	1.0 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	1.6 (41)
Curved Flat Belts	Standard & Nose Bar Idler Pulley	MR	Tight Radius	35	1.0 (25)	0.50 (13)	White	Acetal	Nylon	-40 (-40)	215 (102)	Y	Good	V-Good	N/A	1.6 (41)
		MS	Tight Radius	35	1.0 (25)	0.50 (13)	White	Polypropylene	Acetal	40 (5)	275 (135)	Y	V-Good	Good	N/A	1.6 (41)

* FDA = Food and Drug Administration, CFIA = Canadian Food Inspection Agency

** Temperature, environmental conditions, product materials and product configuration effect the maximum incline or decline. Product testing is recommended.

*** Inclines / declines of higher than 45 degrees require wearstrip modifications. Consult factory for details.

**** These do not indicate ambient running conditions. Ambient temperature range is 30 to 100 F (-1 to 38 C).

Product temperature is dependent on length of time product is in direct contact with belt surface. Product testing is recommended.

FRICION TOP STRAIGHT MODULAR BELT: Part number reference chart

Flat Top w/ Friction Inserts Part Number Reference	TA	TB	TC	TD	TE
Flush Grid w/ Friction Inserts Part Number Reference	N/A	TF	TG	TH	TJ
Friction Insert Spacing [links]	1	2	4	6	12
Friction Insert Spacing	1" (25mm)	2" (51mm)	4" (102mm)	6" (152mm)	12" (305mm)

Note: Friction Top not available on nose bar drives

Dorner's Specialty Modular Belt Program offers Intralox® Options and other Manufacturers for Added Flexibility. Please call to inquire.

Specialty Modular Belt Options																		
Belt Type		Part Number Reference	Description	% Open	Pitch in (mm)	Belt Thickness in (mm)	Color	Belt Material	Rod Material	Minimum Product Temperature F(C)****	Maximum Product Temperature F(C)****	FDA Approved*	CFIA Approved*	Chemical Resistance	Wear Resistance	Maximum Incline / Decline (degrees)**	Nose Bar Idler Diameter in (mm)	Manufacturer / Series
Straight Flat Belts	Standard Drive & Idler Pulley	PA	Flat top	0	1.0 (25)	0.40 (10)	White	Acetal	Polypropolene	-50 (-46)	215 (102)	Y		Good	V-Good	5	N/A	Intralox 1600
		PB	Flat top	0	1.0 (25)	0.40 (10)	White	Polypropylene	Polypropolene	34 (1)	275 (135)	Y		V-Good	Good	5	N/A	Intralox 1600
		PC	Flush Grid	28	0.6 (15)	0.34 (9)	White	Acetal	Polypropolene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	5	N/A	Intralox 1100
		PD	Flush Grid	28	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropolene	34 (1)	275 (135)	Y	Y	V-Good	Good	5	N/A	Intralox 1100
	Nose Bar Drive and/or Nose Bar Idler	PJ	Flat top	0	0.6 (15)	0.34 (9)	White	Acetal	Polypropolene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	5	0.75 (19)	Intralox 1100
		PK	Flat top	0	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropolene	34 (1)	275 (135)	Y	Y	V-Good	Good	5	0.75 (19)	Intralox 1100
		PL	Flush Grid	28	0.6 (15)	0.34 (9)	White	Acetal	Polypropolene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	5	0.75 (19)	Intralox 1100
		PM	Flush Grid	28	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropolene	34 (1)	275 (135)	Y	Y	V-Good	Good	5	0.75 (19)	Intralox 1100

* FDA = Food and Drug Administration, CFIA = Canadian Food Inspection Agency.

** Temperature, environmental conditions, product materials and product configuration effect the maximum incline or decline. Product testing is recommended.

**** These do not indicate ambient running conditions. Ambient temperature range is 30 to 100 F (-1 to 38 C).

Product temperature is dependent on length of time product is in direct contact with belt surface. Product testing is recommended

Dorner's Specialty Modular Belt Program offers Intralox® Options and other Manufacturers for Added Flexibility. Please call to inquire.

Specialty Modular Belt Options

Belt Type	Part Number Reference	Description	% Open	Pitch in (mm)	Belt Thickness in (mm)	Color	Belt Material	Rod Material	Minimum Product Temperature F(C)****	Maximum Product Temperature F(C)****	FDA Approved*	CFIA Approved*	Chemical Resistance	Wear Resistance	Maximum Incline / Decline (degrees)**	Nose Bar Idler Diameter in (mm)	Manufacturer / Series	
Cleated Straight Belts (see page 127 for cleat type options)	Standard Drive & Idler Pulley	RA	Flat top w/ 1" Cleats	0	1.0 (25)	0.40 (10)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y		Good	V-Good	45***	N/A	Intralox 1600
		RB	Flat top w/ 1" Cleats	0	1.0 (25)	0.40 (10)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y		V-Good	Good	45***	N/A	Intralox 1600
		RC	Flat top w/ 3" Cleats	0	1.0 (25)	0.40 (10)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y		Good	V-Good	45***	N/A	Intralox 1600
		RD	Flat top w/ 3" Cleats	0	1.0 (25)	0.40 (10)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y		V-Good	Good	45***	N/A	Intralox 1600
		RE	Flush Grid w/ 1" cleats	28	0.6 (15)	0.34 (9)	White	Acetal	Polypropylene	-50 (-46)	215 (102)	Y	Y	Good	V-Good	45***	N/A	Intralox 1100
		RF	Flush Grid w/ 1" cleats	28	0.6 (15)	0.34 (9)	White	Polypropylene	Polypropylene	34 (1)	275 (135)	Y	Y	V-Good	Good	45***	N/A	Intralox 1100
Curved Flat Belts*****	Standard & Nose bar Idler Pulley	PT	Tight Radius	42	1.0 (25)	0.5 (13)	White	Acetal	Nylon	-40 (-40)	215 (102)	Y		Good	V-Good	N/A	1.6 (41)	Intralox 2400
		PU	Tight Radius	42	1.0 (25)	0.5 (13)	White	Polypropylene	Acetal	34 (1)	275 (135)	Y		V-Good	Good	N/A	1.6 (41)	Intralox 2400

* FDA = Food and Drug Administration, CFIA = Canadian Food Inspection Agency.

** Temperature, environmental conditions, product materials and product configuration effect the maximum incline or decline. Product testing is recommended.

*** Inclines / declines of higher than 45 degrees require wearstrip modifications. Consult factory for details.

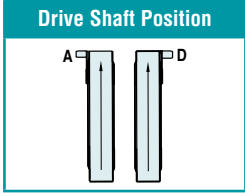
**** These do not indicate ambient running conditions. Ambient temperature range is 30 to 100 F (-1 to 38 C).

Product temperature is dependent on length of time product is in direct contact with belt surface. Product testing is recommended

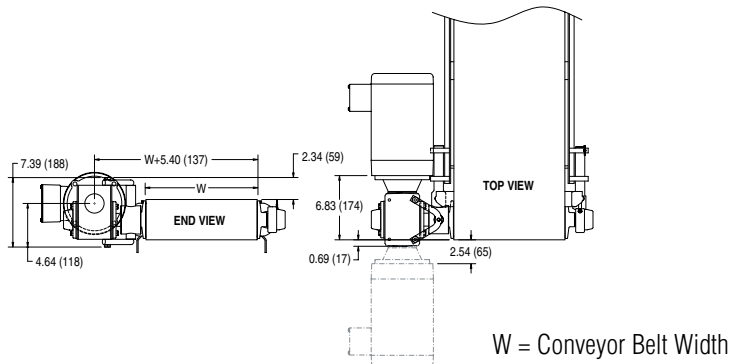
***** Type PT and PU Belts are available up to 24" wide only.

GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

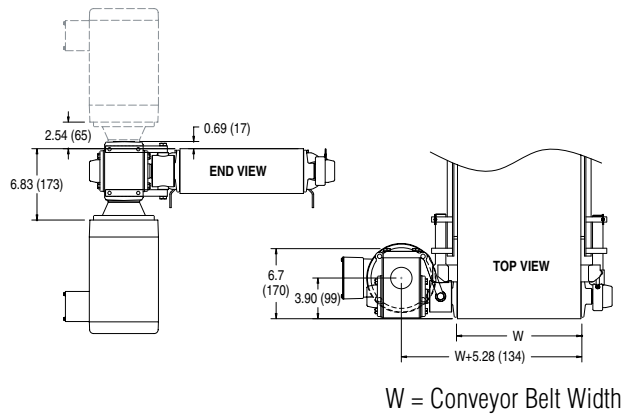
- Step 1:** Select a **Gearmotor Mounting Package** (below).
- Step 2:** Locate the appropriate gearmotor chart (pages 205-206) in terms of **Painted** vs. **Stainless Steel** and **Fixed Speed** vs. **Variable Speed**.
- Step 3:** Use the **Belt Speed Column** to locate the **Part Number** for your desired Gearmotor.



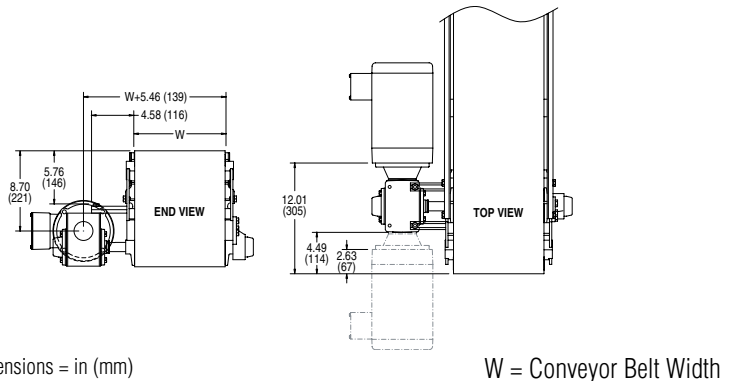
Horizontal Side Drive Mount



Vertical Side Drive Mount



Nose Bar Drive Mount (7400 Ultimate Only)

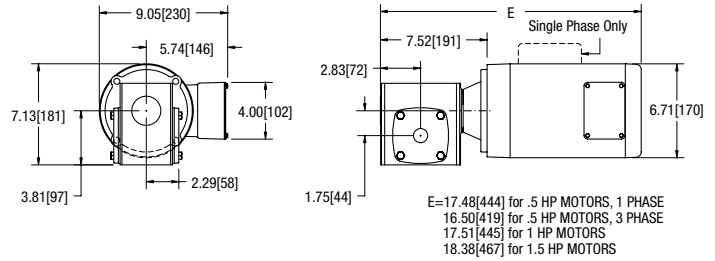


Note: Nose Bar Drive Belt Speed is Limited to 117 ft/min (35.7 m/min) Dimensions = in (mm)

STANDARD LOAD, FIXED SPEED

Chart 1 Painted Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order optional Manual Motor Starter separately, see page 207
- 0.5 Hp 230 / 460 Volts, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase

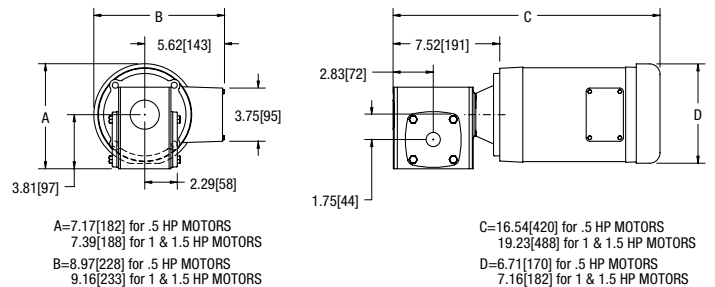


Part Number	Belt Speed		RPM	1 Phase			3 Phase			in.-lbs.	Nm
	Ft/min	m/min		Hp	kW	FLA	Hp	kW	FLA		
74M080HS4(vp)FN	22	6.7	22	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	356	40.2
74M060HS4(vp)FN	29	8.8	29	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	442	49.9
74M040HS4(vp)FN	44	13.4	44	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	486	54.9
74M030HS4(vp)FN	58	17.7	58	n/a	n/a	n/a	1.0	0.74	3.5-3.2 / 1.6	487	55.0
74M020HS4(vp)FN	87	26.5	87	n/a	n/a	n/a	1.0	0.74	3.5-3.2 / 1.6	407	46.0
74M015HS4(vp)FN	117	35.7	117	n/a	n/a	n/a	1.0	0.74	3.5-3.2 / 1.6	470	53.1
74M010HS4(vp)FN	175	53.3	175	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	442	49.9
74M007HS4(vp)FN	233	71.0	233	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	360	40.7

(vp) = voltage and Phase 11 = 115 / 208-230, 1 Phase 23 = 0.5 HP: 230 / 460 Volts, 3 Phase; 1.0 & 1.5 HP: 208-230 / 460 Volts, 3 Phase

Chart 2 Stainless Steel Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- 208-230 / 460 Volts, 3 Phase
- Order optional Manual Motor Starter separately, see page 207
- 0.5 Hp 230 / 460 Volts, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase



Part Number	Belt Speed		RPM	3 Phase				in.-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HHS423FN	22	6.7	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HHS423FN	29	8.8	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HHS423FN	44	13.4	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HHS423FN	58	17.7	58	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HHS423FN	87	26.5	87	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	407	46.0
74M015HHS423FN	117	35.7	117	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HHS423FN	175	53.3	175	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	442	49.9
74M007HHS423FN	233	71.0	233	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	360	40.7

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

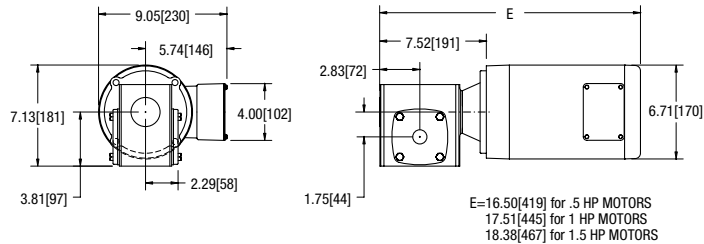
HIGHLIGHT

Highlighted gearmotors are not available with Nose Bar Drive and Nose Bar Idler tail. Maximum Nose Bar speed is 117 ft/min (35.7 m/min)

STANDARD LOAD, VARIABLE SPEED

Chart 3 Painted Gearmotor

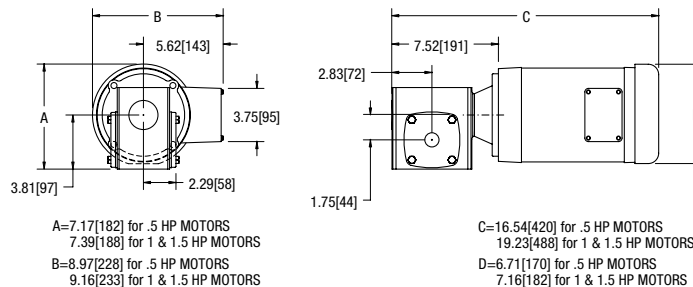
- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order Control Separately, see page 207



Part Number	Belt Speed		RPM	3 Phase				in-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HS423EN	2 to 22	0.6 to 6.7	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423EN	3 to 29	0.9 to 8.8	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423EN	5 to 44	1.3 to 13.4	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423EN	6 to 58	2.0 to 17.7	58	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M020HS423EN	9 to 87	2.6 to 26.5	87	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M015HS423EN	12 to 117	3.6 to 35.7	117	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	470	53.1
74M010HS423EN	18 to 175	5.3 to 53.3	175	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	442	49.9
74M007HS423EN	23 to 233	7.1 to 71.0	233	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	360	40.7

Chart 4 Stainless Steel Gearmotor

- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- Order Control Separately, see page 207



Part Number	Belt Speed		RPM	3 Phase				in-lbs	Nm
	Ft/min	m/min		Hp	kW	Volts	FLA		
74M080HS423EN	2 to 22	0.6 to 6.7	22	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423EN	3 to 29	0.9 to 8.8	29	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423EN	5 to 44	1.3 to 13.4	44	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423EN	6 to 58	2.0 to 17.7	58	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HS423EN	9 to 87	2.6 to 26.5	87	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M015HS423EN	12 to 117	3.6 to 35.7	117	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HS423EN	18 to 175	5.3 to 53.3	175	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	442	49.9
74M007HS423EN	23 to 233	7.1 to 71.0	233	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	360	40.7

FLA = Full Load Amperes

Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

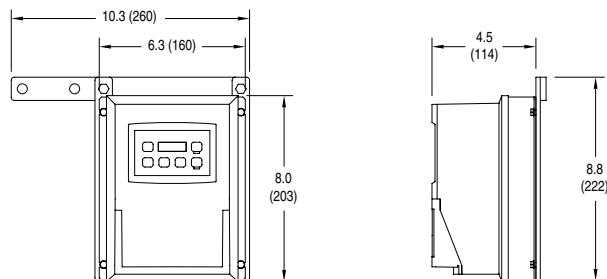
HIGHLIGHT

Highlighted gearmotors are not available with Nose Bar Drive and Nose Bar Idler tail. Maximum Nose Bar speed is 117 ft/min (35.7 m/min)

VARIABLE SPEED CONTROLLER

Chart A Variable Speed Controllers

- Variable Frequency Drive
- Nema 4X Enclosure
- Stainless steel enclosure and mounting hardware
- Digital Display
- Keypad with Start/Stop and Speed variation
- Includes cord to motor
- Power to controller by others
- UL Approved

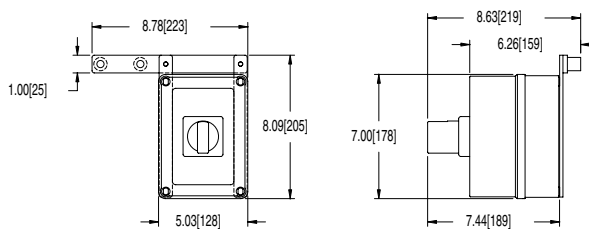


Part Number	Input			Output		Max Hp	Max Amps	A (width)	B (depth)
	Volts	Phase	Hz	Volts	Phase				
74MV1122S	115	1	60	230	3	0.5	2.2	7.9 (200)	3.8 (96)
74MV2322S	230	3	60	230	3	0.5	2.2	6.1 (155)	4.4 (112)
74MV1121S	115	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV2121S	230	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV4341S	460	3	60	460	3	1.0	2.0	6.1 (155)	4.4 (112)
74MV2127S	230	1	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV2327S	230	3	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV4347S	460	3	60	460	3	2.0	3.4	7.9 (200)	4.9 (124)

MANUAL MOTOR STARTER

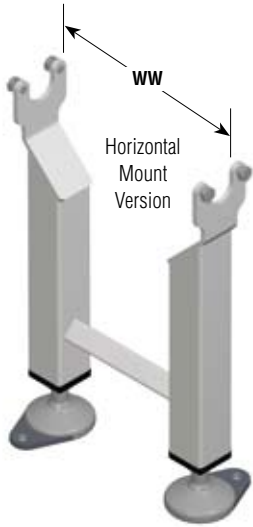
Chart B Manual Motor Starter

- Nema 4X Plastic Enclosure
- Stainless Steel mounting hardware
- IP 66
- Start / Stop Switch
- Lock out tag out capable
- Includes wiring to Motor
- Power to Starter by others
- No plug/cord set included

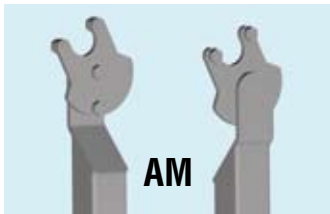


Part Number	Input			FLA
	Volts	Phase	Hz	
74MM11F	115	1	60	6.3 - 10
74MM21D	208-230	1	60	2.5 - 3.9
74MM23A	208-230	3	60	0.63 - 0.99
74MM23B	208-230	3	60	1.0 - 1.59
74MM23C	208-230	3	60	1.6 - 2.4
74MM23D	208-230	3	60	2.5 - 3.9
74MM23E	208-230	3	60	4.0 - 6.3
74MM43A	460	3	60	1.6 - 2.4
74MM43B	460	3	60	2.5 - 3.9
74MM43C	460	3	60	0.63 - 0.99
74MM43D	460	3	60	1.0 - 1.59

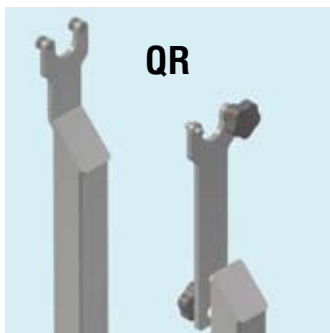
FLA = Full Load Amperes



Horizontal Mount



Incline Mount



Quick Release Mount

Support Stand Quantity Chart

- Horizontal Mount Version for direct conveyor mounting, conveyor must be level (Mount directly to conveyor)
- Foot self-aligns 10° for sloped floors
- +/- 1 3/8" height adjustment
- All components are stainless steel brushed to #4 finish
- Incline Mount Version for angled conveyor applications
- Sanitary Support Stands do not require mounting brackets

7600 Ultimate Straight Conveyors

Conveyor Length	Number of Supports
36" (0.8m) - 132" (3.4m)	2
133" (3.4m) - 252" (6.4m)	3
253" (6.4m) - 372" (9.4m)	4
373" (9.5m) - 480" (12.2m)	5

Straight Conveyor Fixed Foot Model

Conveyor Width	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	36" (914)
WW Part # Reference	06	08	10	12	14	02 increments up to...	36
HM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.4" (467)	2" (51) increments up to... 40.4" (1,026)
	Top of Belt Height	22" (559)		1" (25) increments up to...			72" (1,829)
	HH Part # Reference	22		0101 increments up to...			72
AM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.5" (470)	2" (51) increments up to... 40.5" (1,029)
	Top of Belt Height	22" (559)		1" (25) increments up to...			72" (1,829)
	HH Part # Reference	22		0101 increments up to...			72
QR	Stand Width	13.8" (351)	15.8" (401)	17.8" (452)	19.8" (503)	21.8" (554)	2" (51) increments up to... 43.8" (1,113)
	Top of Belt Height	30" (762)			or		72" (1,829)
	HH Part # Reference	30			or		72

Straight Conveyor Swivel Locking Caster Model*

Conveyor Width	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	36" (914)
WW Part # Reference	06	08	10	12	14	02 increments up to...	36
HM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.4" (467)	2" (51) increments up to... 40.4" (1,026)
	Top of Belt Height	28" (711)		1" (25) increments up to...			72" (1,829)
	HH Part # Reference	28		0101 increments up to...			72
AM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.5" (470)	2" (51) increments up to... 40.5" (1,029)
	Top of Belt Height	28" (711)		1" (25) increments up to...			72" (1,829)
	HH Part # Reference	28		0101 increments up to...			72

Note: HH is to Conveyor Top of Belt. * Some caster model support stands are equipped with integrated outriggers. Contact factory for details.

The Quick Release Stands require the use of Floor Anchors (see below).

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.



Welded Stand Offs Keep Fasteners out of Food Zone



Threadless Stainless Steel Support Stand Feet

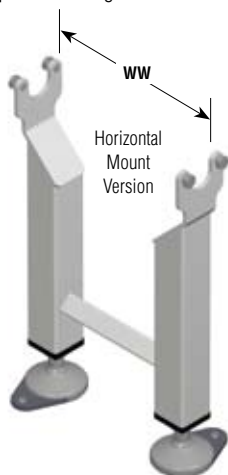


Threadless Stainless Steel Support Stand Casters

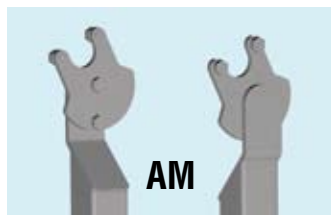
For ordering information, see page 219

Straight Conveyor Support Stands

- Horizontal Mount Version for direct conveyor mounting, conveyor must be level (Mount directly to conveyor)
- Foot self-aligns 10° for sloped floors
- +/- 1 3/8" height adjustment
- All components are stainless steel brushed to #4 finish
- Incline Mount Version for angled conveyor applications
- Sanitary Support Stands do not require mounting brackets



Horizontal Mount



Incline Mount

Support Stand Quantity Charts

7400 Ultimate Straight Conveyors

- See table below for Stand Requirements

7400 Straight Stand Conveyors

Conveyor Length	Number of Supports
20" (0.5m) - 30" (0.8m)	1
31" (0.8m) - 132" (3.4m)	2
133" (3.4m) - 252" (6.4m)	3
253" (6.4m) - 372" (9.4m)	4
373" (9.5m) - 492" (12.5m)	5
493" (12.5m) - 612" (15.5m)	6
613" (15.6m) - 732" (18.6m)	7
733" (18.6m) - 852" (21.6m)	8
853" (21.7m) - 972" (24.7m)	9
973" (24.7m) - 999" (25.4m)	10

7400 Ultimate Curved Conveyors

- Straight modules must have stands near ends and at frame section joints
- See table below for Curve Modules Stand Requirements

7400 Curve Modules Stand Requirements

	Belt Width															
	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	
Degree of Curve	15	n/a	n/a	0	0	0	0	0	0	0	0	0	0	0	0	
	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	45	n/a	n/a	0	0	0	0	0	0	0	0	0	0	0	0	
	60	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
	75	n/a	n/a	1	1	1	1	1	1	1	1	1	1	1	1	
	90	0	0	1	1	1	1	1	1	1	1	1	1	1	1	
	105	n/a	n/a	1	1	1	1	1	1	1	2	2	2	2	2	
	120	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	135	n/a	n/a	2	2	2	2	2	2	2	2	2	2	2	2	
	150	1	1	3	3	3	3	3	3	3	3	3	3	3	3	
	165	n/a	n/a	3	3	3	3	3	3	3	3	3	3	3	3	
	180	1	1	3	3	3	3	3	3	3	3	3	3	3	3	

Straight Conveyor Fixed Foot Model

Conveyor Width		6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	36" (914)
WW Part # Reference		06	08	10	12	14	02 increments up to...	36
HM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.4" (467)	2" (51) increments up to...	40.4" (1,026)
	Top of Belt Height	22" (559)		1" (25) increments up to...				72" (1,829)
	HH Part # Reference	22		0101 increments up to...				72
AM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.5" (470)	2" (51) increments up to...	40.5" (1,029)
	Top of Belt Height	22" (559)		1" (25) increments up to...				72" (1,829)
	HH Part # Reference	22		0101 increments up to...				72

Straight Conveyor Swivel Locking Caster Model*

Conveyor Width		6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	2" (51) increments up to...	36" (914)
WW Part # Reference		06	08	10	12	14	02 increments up to...	36
HM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.4" (467)	2" (51) increments up to...	40.4" (1,026)
	Top of Belt Height	28" (711)		1" (25) increments up to...				72" (1,829)
	HH Part # Reference	28		0101 increments up to...				72
AM	Stand Width	18.3" (465)	20.3" (517)	22.3" (566)	24.3" (617)	18.5" (470)	2" (51) increments up to...	40.5" (1,029)
	Top of Belt Height	28" (711)		1" (25) increments up to...				72" (1,829)
	HH Part # Reference	28		0101 increments up to...				72

Note: HH is to Conveyor Top of Belt. * Some caster model support stands are equipped with integrated outriggers. Contact factory for details. Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.



Welded Stand Offs Keep Fasteners out of Food Zone



Threadless Stainless Steel Support Stand Feet



Threadless Stainless Steel Support Stand Casters

For ordering information, see page 219

TALL SUPPORT STANDS

Fixed Foot Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Foot *	(0.263)(HH max) + (WW + 6) inches				
Top of Belt (Minimum)	71" (1,803)	72" (1,829)	73" (1,854)	in 1" (25mm) increments up to...	95" (2,413)
Top of Belt (Maximum)	75" (1,905)	76" (1,930)	77" (1,956)	in 1" (25mm) increments up to...	99" (2,515)
HHHH Part Number	7175	7276	7377	in 01 increments up to...	9599



Horizontal Mount



Adjustable Mount

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications
- Includes Diagonal Brace for stability
- Tall Support Stands require the use of floor anchors



Horizontal Mount Tall Stand

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

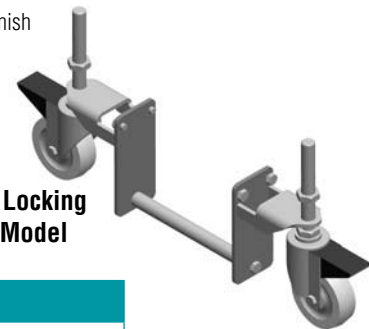
LOW HEIGHT SUPPORT STANDS

Fixed Foot Model

Top of Belt (Minimum)	7" (178)	9" (229)
Top of Belt (Maximum)	11" (279)	13" (330)
HHHH Part # Reference	0711	0913
Stand Width at Foot *	WW + 10.5" (267mm)	

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Caster is swivel locking
- Horizontal conveyor mounts only

* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

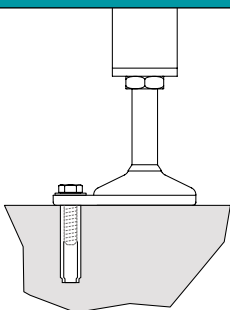


Swivel Locking Caster Model

Swivel Locking Caster Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Caster *	22" (559)	24" (610)	26" (660)	in 2" (51mm) increments up to...	78" (1,981)
Top of Belt (Minimum)	12" (305)		14" (356)		16" (406)
Top of Belt (Maximum)	16" (406)		18" (457)		20" (508)
HHHH Part Number	1216		1418		1620

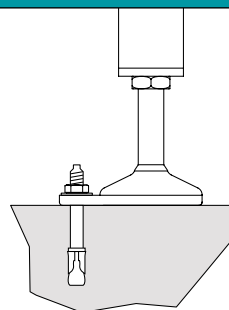
SANITARY FLOOR ANCHOR KITS



Type 1 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 1.57" (40 mm) drop in
- Stainless Steel
- Anchor is flush with floor upon removal of bolt
- Two (2) per anchor kit

Part No. FAS-1



Type 2 Sanitary Floor Anchor Kit

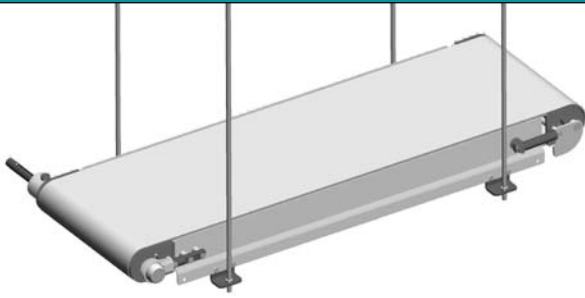
- 3/8" (10 mm) x 2 3/4" (70 mm)
- Stainless Steel
- Threaded anchor bolt protrudes above floor after installation
- Two (2) per anchor kit

Part No. FAS-2

Note: Dimensions = in (mm)

For ordering information, see page 219

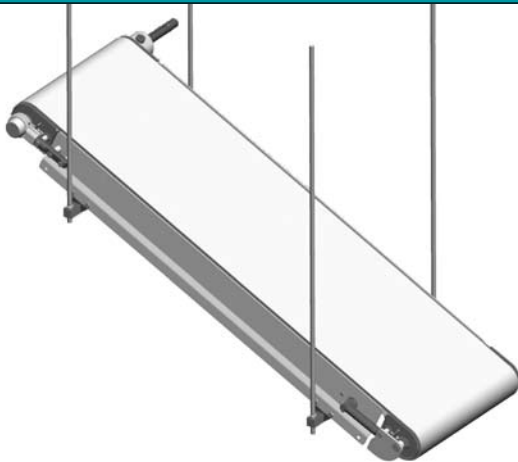
HORIZONTAL CEILING SUPPORTS



- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others

Part No. 39HCS

ADJUSTABLE ANGLE CEILING SUPPORTS



- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others
- Mounting block pivots to support incline mounts from 0° to 60°

Part No. 39ACS

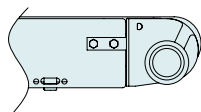
ACCESSORIES

Motorized Pulley

- 304 stainless steel for durability in tough applications
- Sealed drum motor is ideal for heavy duty washdown applications
- Pulley locating supports allow for fast removal and relocating for sanitation
- No fasteners are used to locate sprockets on motorized pulley
- Innovative sprocket locating key way allows for fast and effective sanitation

For full details, see 7400 section, page 138

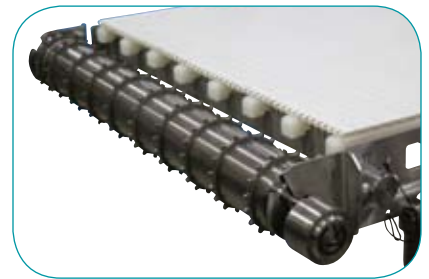
**Progressive Key Sprocket Retention System*



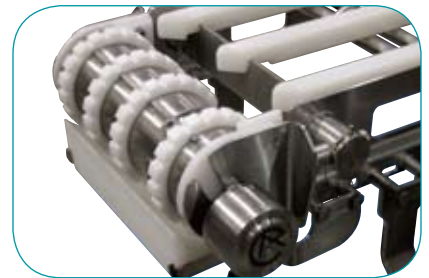
MOTORIZED PULLEY TAIL



7400/7400 ULTIMATE* - Stainless Steel Sprocket



7600 ULTIMATE* - Plastic Sprocket



For ordering information, see page 219

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

7600 ULTIMATE SERIES: FLAT BELT

7 H M WW - LLL S S C D G BB MP

Motorized Pulley (Optional Parameter)

MP = With Motorized Pulley

Blank = No Motorized Pulley

Belt Material: **01** = Smooth Top, **02** = Smooth Top Blue, **03** = Dome Top Blue

Profile: **1** = Low Side, **2** = 1" High Side, **3** = 1.5" High Side, **4** = 3" High Side

Drive Shaft Position: A or D

Cleaning Options: **

0 = None

2 = None (Motorized Pulley)

A = Frame Cutouts Only

G = Frame Cutouts Only (Motorized Pulley)

B = Belt Lifters Only

H = Belt Lifters Only (Motorized Pulley)

C = Frame Cutouts & Belt Lifters

J = Frame Cutouts & Belt Lifters (Motorized Pulley)

Idler End Stand Location: *

A = no stand mounting holes

B = 12" from idler end

C = 18" from idler end

D = 24" from idler end

E = 30" from idler end

F = 36" from idler end

G = 12" from idler end with braces

H = 18" from idler end with braces

J = 24" from idler end with braces

K = 30" from idler end with braces

M = 36" from idler end with braces

Drive End Stand Location: *

A = no stand mounting holes

B = 12" from drive end

C = 18" from drive end

D = 24" from drive end

E = 30" from drive end

F = 36" from drive end

G = 12" from drive end with braces

H = 18" from drive end with braces

J = 24" from drive end with braces

K = 30" from drive end with braces

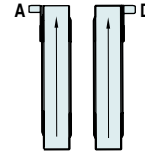
M = 36" from drive end with braces

Length: 036 - 480

Belt Width: 06 - 36

Language: **M** = English, **U** = CE English

Drive Shaft Position



Example: 7HM24120FD0A101

Description: AquaPruf 7600 Series ULTIMATE End Drive sanitary 24" (610mm) wide belt x 10' (3048mm) long straight conveyor with output shaft in position A, low side profile and type 01 white smooth top belt. This conveyor incorporates a tip up idler tail for ease of cleaning and sanitation. The conveyor is configured to have Dorner sanitary support stands 24" (610mm) from infeed end and 36" (914mm) from discharge end and requires a Dorner gearmotor mounting package.

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

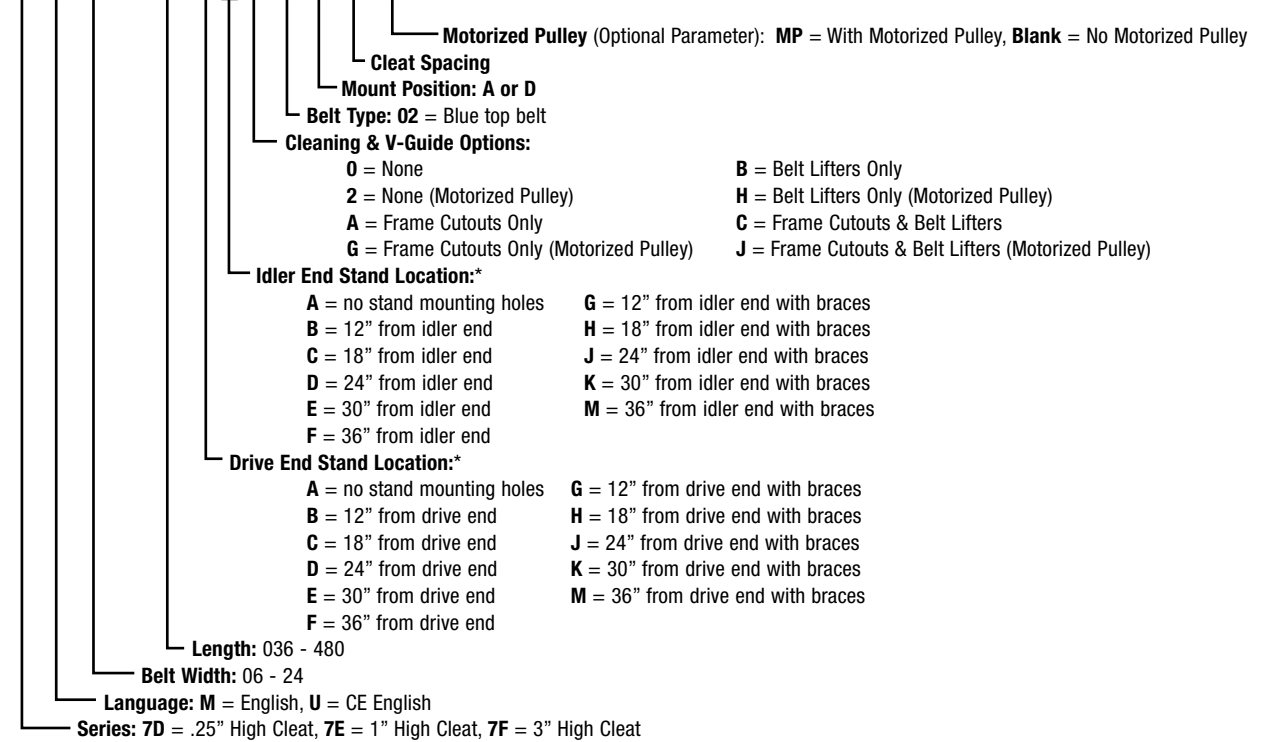
*Stand location may be dependent upon conveyor length. **Infeed scrapers available as a special capability.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7600 ULTIMATE SERIES: CLEATED BELT

7 D M WW - LLL S S C BB D SS MP



Example: 7DM14108GH0A0236

Description: AquaPruf 7600 Series ULTIMATE Cleated sanitary straight conveyor 14" (356mm) wide belt x 9' (2743mm) long with type 02 blue smooth top belt having type D .25" (6mm) cleats on 36" (914mm) centers with one larger odd spacing of 39" (991mm). This conveyor incorporates a tip up idler tail for ease of cleaning and sanitation. The conveyor is configured to have Dorner sanitary support stands with diagonal braces 18" (457mm) from infeed end and 12" (305mm) from discharge end and requires a Dorner gearmotor mounting package.

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

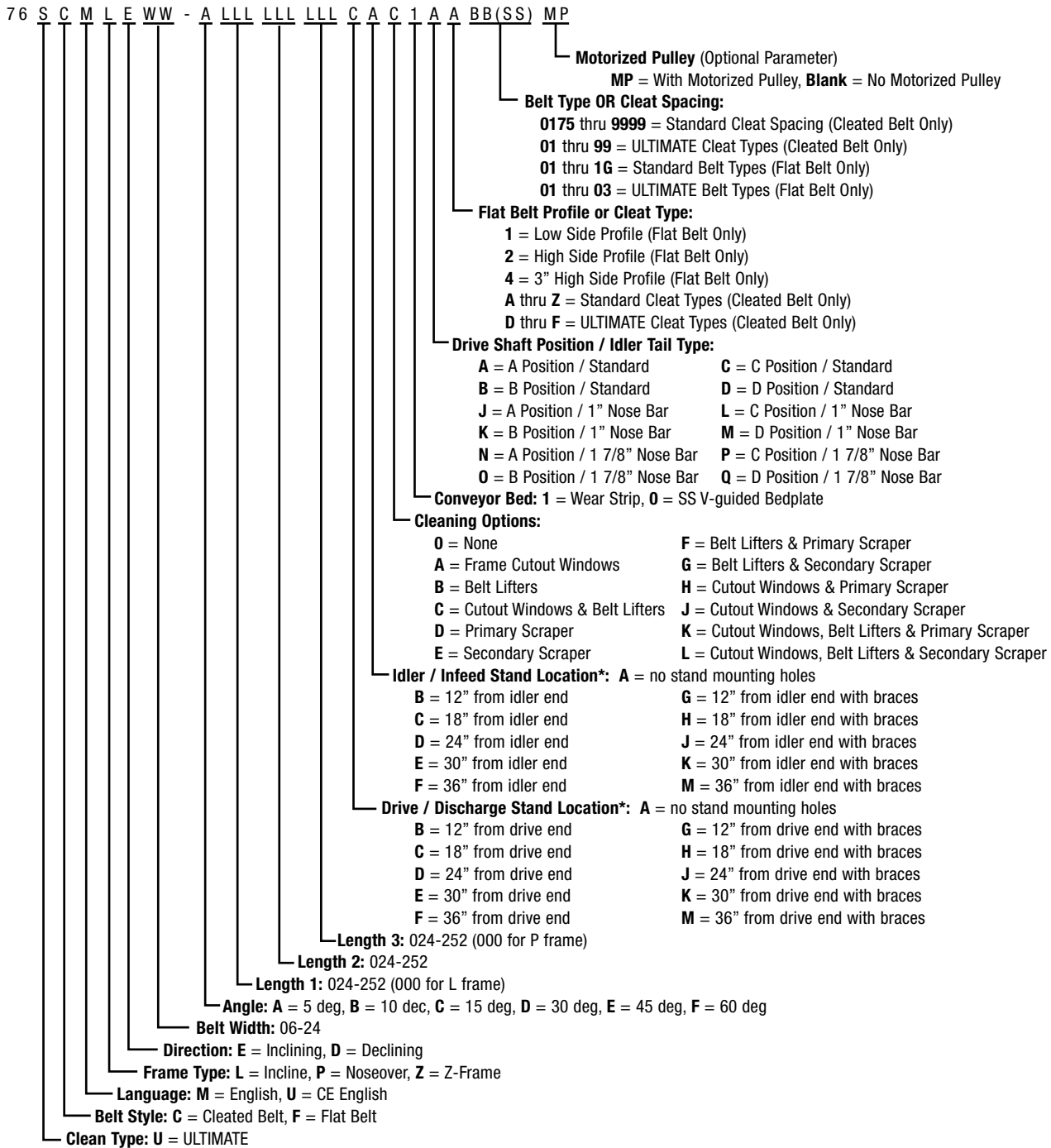
*Stand location may be dependent upon conveyor length.

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For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

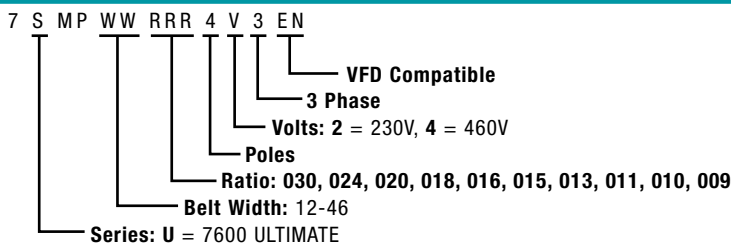
AquaPruf® ULTIMATE SERIES: PART NUMBER REFERENCE

7600 ULTIMATE SERIES: Z-FRAME FLAT & CLEATED



Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

7600 ULTIMATE SERIES: MOTORIZED PULLEY



7400 ULTIMATE SERIES: CLEATED MODULAR BELT

7 U M WW - LLL S S C P BB SS MA

Motorized Pulley (Optional Parameter)

MA = Motorized Pulley in the A Position, MD = Motorized Pulley in the D Position

Cleat Spacing: 02 - 99 = Link Spacing

Cleated Belt Material: (Determines Profile)

Drive Shaft Position: A or D

Cleaning Options:

0 = None

1 = Frame Cutouts only

2 = Tip up Idler Pulley only

3 = Belt lifters & Tip up idler only

4 = Frame cutouts & Tip up idler pulley

5 = All 3 Cleaning Features

Idler / Infeed Stand Location: *

A = no stand mounting holes

B = 12" from idler end

C = 18" from idler end

D = 24" from idler end

E = 30" from idler end

F = 36" from idler end

G = 12" from idler end with braces

H = 18" from idler end with braces

J = 24" from idler end with braces

K = 30" from idler end with braces

M = 36" from idler end with braces

Drive / Discharge Stand Location: *

A = no stand mounting holes

B = 12" from drive end

C = 18" from drive end

D = 24" from drive end

E = 30" from drive end

F = 36" from drive end

G = 12" from drive end with braces

H = 18" from drive end with braces

J = 24" from drive end with braces

K = 30" from drive end with braces

M = 36" from drive end with braces

Length: 036-999

Belt Width: 06-24

Language: M = English, U = CE English

Clean Type: U = ULTIMATE

Example: 74UM24120BCSANB06MA

Description: 7400 Ultimate series straight cleated belt conveyor, 24" wide x 10' long, stand mounting holes 12" from drive end, stand mounting holes 18" from idler end, belt lifters, tip up end pulley, frame cut-outs, and NB belt material with cleat spacing of 6 links with a motorized pulley in the A position.

*Stand location may be dependent upon conveyor length

7400 ULTIMATE SERIES: CURVE MODULE

74 4 WW DDD C S G BB E #

Module Serialized Sequence: 1 thru 9

Curve Direction from Infeed End: L = Left, R = Right

Belt Material

Guide Profile: 1 = Lowside, 3 = Guided

Stand Holes: A = no stand mounting holes, Z = stand mounting holes

Cleaning Options: 0 = None, 1 = Frame Cutouts

Degree of Turn: 015, 030, 045, 060, 085, 090, 105, 120, 135, 150, 165, 180

Belt Width: 08-36

Clean Type: U = ULTIMATE

7400 ULTIMATE SERIES: STRAIGHT INTERMEDIATE MODULE

74 5 WW - LLL C S G BB #

Module Serialized Sequence: 1 thru 9

Belt Material

Guide Profile: 1 = Lowside, 3 = Guided

Stand Holes: A = no stand mounting holes, Z = stand mounting holes

Cleaning Options:

0 = None

1 = Frame Cutouts only

6* = Belt Lifters only

7* = Frame cutouts & Belt Lifters

Length: 020-999

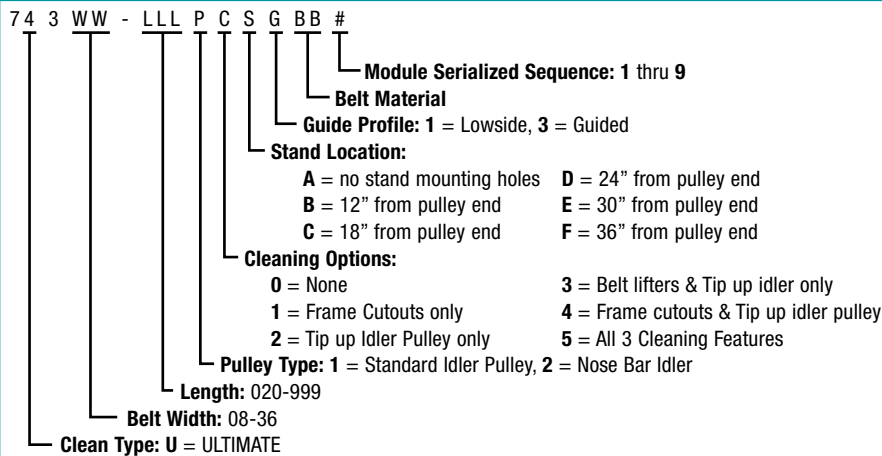
Belt Width: 08-36

Clean Type: U = ULTIMATE

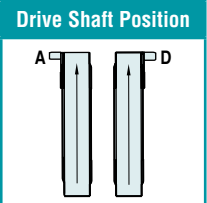
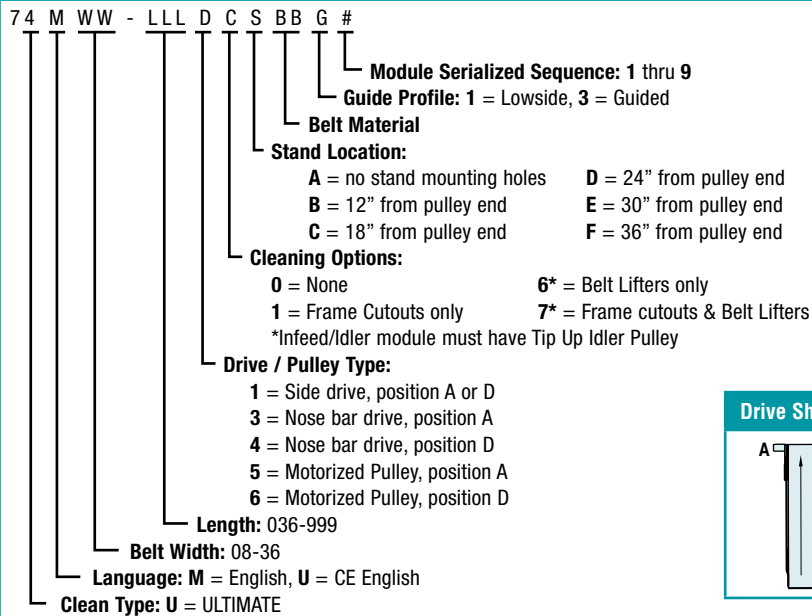
Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

*Infeed/Idler module must have Tip Up Idler Pulley

7400 ULTIMATE SERIES: STRAIGHT INFEED / IDLER MODULE



7400 ULTIMATE SERIES: STRAIGHT EXIT / DRIVE MODULE



Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

7400 ULTIMATE SERIES: Z-FRAME MODULAR FLAT & CLEATED BELT

74 S C M L E W W - A L L L L L L C A C 1 A A(A) B B

Flat Belt Type or Cleat Spacing:

MA thru TG = Flat Belt Types

02 thru 99 = Cleat Spacing

Flat Belt Profile or Cleat Type:

1 = 1" High Side Profile (Flat Belt Only, 1 Digit Only)

3 = 3" High Side Profile (Flat Belt Only, 1 Digit Only)

NA thru RF = Cleat Types (Cleated Belt Only, 2 Digit Required)

Drive Shaft Position / Idler Tail Type:

3 = A Position / Nose Bar

4 = D Position / Nose Bar

5 = A Position / Standard

6 = D Position / Standard

Drive Type: S = Side Drive, N = Nose Bar Drive, M = Motorized Pulley

Cleaning Options:

0 = None

1 = Frame Cutout Windows

2 = Tip Up Tail

3 = Belt Lifters & Tip Up Tail

4 = Cutout Windows & Tip Up Tail

5 = Cutout Windows, Belt Lifters & Tip Up Tail

Idler / Infeed Stand Location: *

A = no stand mounting holes

B = 12" from idler end

C = 18" from idler end

D = 24" from idler end

E = 30" from idler end

F = 36" from idler end

G = 12" from idler end with braces

H = 18" from idler end with braces

J = 24" from idler end with braces

K = 30" from idler end with braces

M = 36" from idler end with braces

Drive / Discharge Stand Location: *

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B = 12" from drive end

C = 18" from drive end

D = 24" from drive end

E = 30" from drive end

F = 36" from drive end

G = 12" from drive end with braces

H = 18" from drive end with braces

J = 24" from drive end with braces

K = 30" from drive end with braces

M = 36" from drive end with braces

Length 3: 024-252 (000 for P frame)

Length 2: 024-252

Length 1: 024-252 (000 for L frame)

Angle: A = 5 deg, B = 10 deg, C = 15 deg, D = 30 deg, E = 45 deg, F = 60 deg

Belt Width: 06-24

Direction: E = Inclining, D = Declining

Frame Type: L = Incline, P = Noseover, Z = Z-Frame

Language: M = English, U = CE English

Belt Style: C = Cleated Belt, F = Flat Belt

Clean Type: U = ULTIMATE

Conveyor sections longer than 11' (3,353 mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

7400 ULTIMATE SERIES: GEARMOTOR MOUNTING PACKAGES

74U M - H S Z A

Gearmotor Mounting Position: A or D

Gearmotor Type: S = Standard Load

Mount Style: H = Horizontal End Drive Mount Package

V = Vertical End Drive Mount Package

N = Nose Bar Mount Package

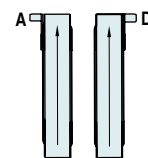
"-" = All except Nose Bar

Blank = Nose Bar

Document Language: M = English, U = CE English

Conveyor Series: 74U = 7400 ULTIMATE

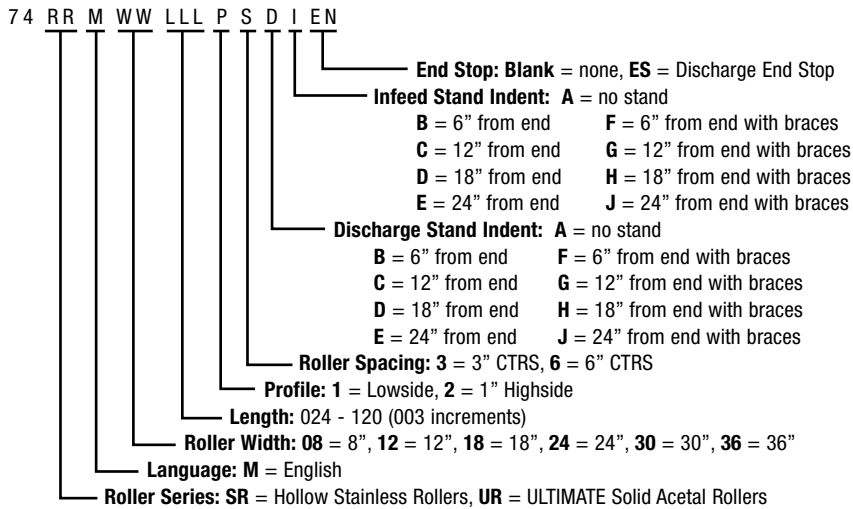
Drive Shaft Position



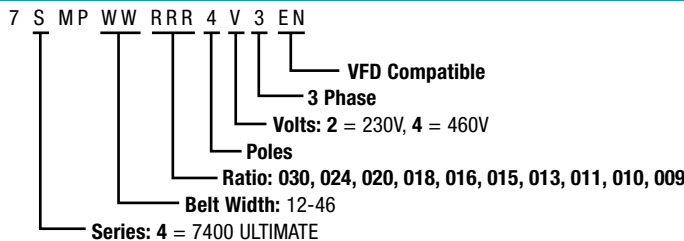
Example: 74UM-HSZA

Description: 7400 ULTIMATE series horizontal side mount package mounted in the A position.

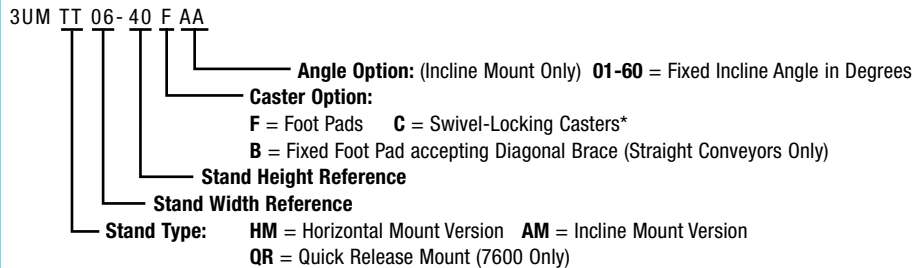
7400 ULTIMATE SERIES: SANITARY ROLLER



7400 ULTIMATE SERIES: MOTORIZED PULLEY

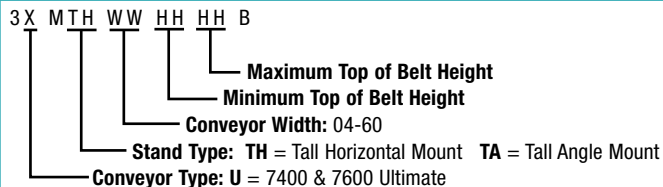


7400 & 7600 ULTIMATE SERIES: SUPPORT STANDS



*Stands equipped with casters accept diagonal bracing.

7400 & 7600 ULTIMATE SERIES: TALL SUPPORT STANDS

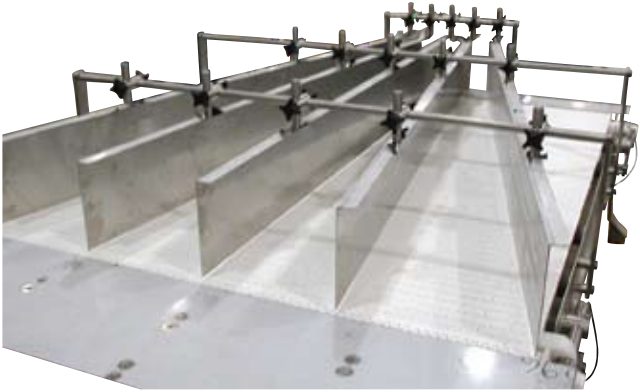


7400 & 7600 ULTIMATE SERIES: LOW HEIGHT SUPPORT STANDS



ENGINEERED APPLICATIONS

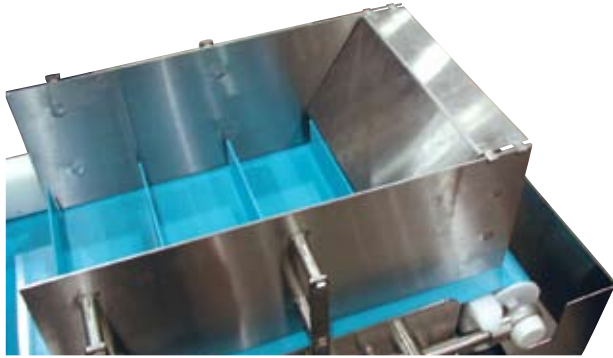
LANE & ADJUSTABLE GUIDING



Controls product flow and direction, also adjustable for various-sized products.

- Accumulates large quantity of product
- Diverts product across lanes
- Merges multiple lanes to a single lane
- Support unstable product
- Stainless steel options available

HOPPERS



Guide product onto the conveyor and reduce product waste during quick-filling of conveyors.

- Locate and guide product onto conveyors
- Removable for easier maintenance and sanitation
- Stainless steel construction

CHUTES



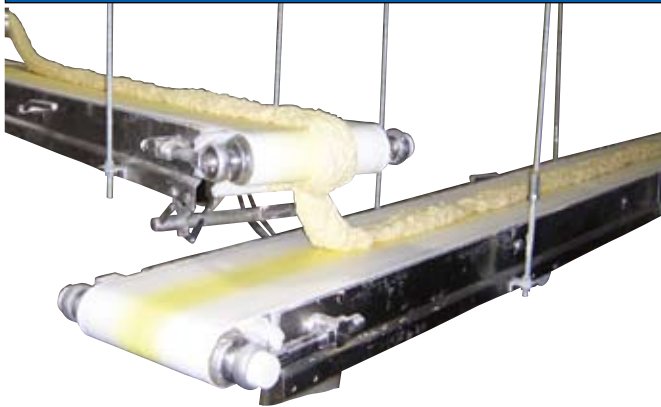
Steel, stainless and plastic chutes help guide product onto or away from the conveyor belt.

CONVEYOR COVERS



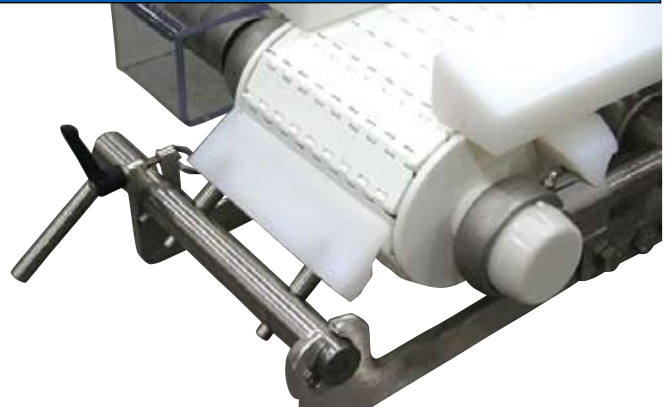
Clear Lexan® or stainless steel covers can help improve operator safety and/or protect product from contamination.

CEILING MOUNTED CONVEYORS



Save floor space by mounting conveyors from the ceiling.

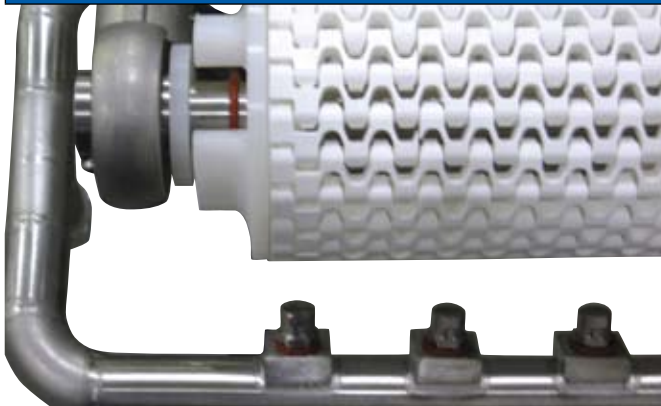
SCRAPER



Removes product build-up and releases product from belt.

- Adjustable tension accommodates a variety of products
- Stainless steel construction

CLEAN IN PLACE



Reduce sanitation time and water usage with a Clean in Place unit.

- Automated washing system for modular belts
- Cleans the top and bottom surfaces of the belts
- Forces water through the open hinge of the belt

MULTI-BELT CURVE



Create a tighter turn radius and reduce the amount of space required for a modular belt curve by using multiple belts on one conveyor frame.

ENGINEERED APPLICATIONS

DRIP PANS



Control product spillage and reduce cleaning time with drip pans.

- Collection for liquids and debris which fall from the product
- Can be hinged for easy clean-out or funneled to collect the liquid to a central location
- Drain option for easier cleaning
- All stainless steel construction

WIRE BELT CONVEYORS



- Maximum air flow around products to heat or cool
- Variety of chain options for various application needs
- Minimum surface area reduces sanitation and cleaning time

FRAME INTEGRATED CONVEYOR SIDE TABLES



One-piece design improves sanitation and facilitates additional assembly operations on the conveyor.

- Stainless steel operator side tables can be formed from the side of the conveyor
- Up to 10" (254 mm) wide
- Located on one or both sides of the conveyor

From metal stamping to automated assembly, to food processing to packaging, we have the right conveyor for your application.



2200 SERIES LOW PROFILE BELT CONVEYORS

Aluminum Extruded Construction

- Belt and modular belt options
- High performance conveying
- Streamlined machine interface
- Small parts transfers
- Efficient use of space
- Accumulation
- High temperatures
- Sharp parts
- Aesthetics



3200 SERIES HEAVY DUTY BELT CONVEYORS

Aluminum Extruded Construction

- Straight, inclined and elevating configurations
- High performance conveying
- Main line, long lengths
- Heavy duty applications
- Fast belt speeds
- Aesthetics



QWIK CONVEYORS 5200 SERIES HEAVY DUTY CHAIN

Aluminum Extruded Construction

- Straight, curve, incline and decline configurations
- High performance conveying
- Main line, long lengths
- Heavy duty applications
- Fast belt speeds
- Part accumulation
- Automated and manual assembly



6200 SERIES LOW PROFILE BELT CONVEYORS

Stainless Steel Construction

- Tight space
- Basic conveying needs
- Wedge-Lok™ system
- Metal stamping
- Rugged environment
- Part accumulation
- Small part transfer



AQUAGARD™ FAMILY OF SANITARY CONVEYORS

Stainless Steel Construction; 7200, 7300, 7350, and 7360

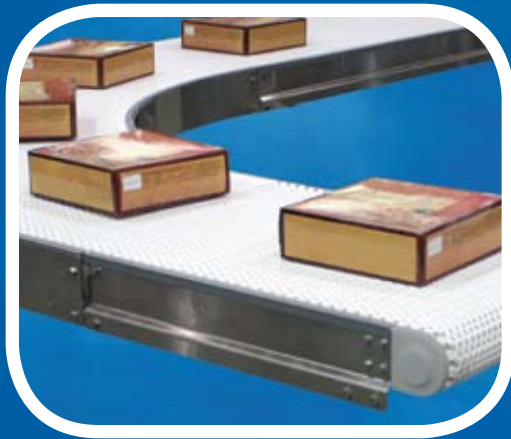
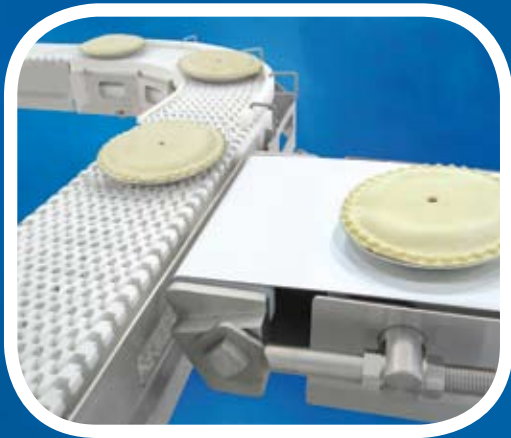
- Straight, curve, incline and decline configurations
- Belt and modular belt options
- Industry leading speeds
- Small parts transfers
- Easy to accessorize - No drilling required
- 10 guiding packages available



AQUAPRUF® FAMILY OF SANITARY CONVEYORS

Stainless Steel Construction; 7400, 7600 and Ultimate Series

- Straight, curve, incline and decline configurations
- Belt and modular belt options
- Wash-down and sanitary environments
- Clean rooms
- Chemical Resistance
- USDA, FDA, BISSC



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