

# CAS<sup>5304B</sup> SERIES

## Isolated Tension Mount

- Designed for mechanical conversions, hanging hoppers and bins
- Capacities ranging from 225 lbs to 11,240 lbs
- Stainless steel load cell with complete hermetic seal Protected to IP68/IP69K standards
- Galvanized & stainless steel assemblies
- Easy to install



CAS-5304B6

CAS-5304B1



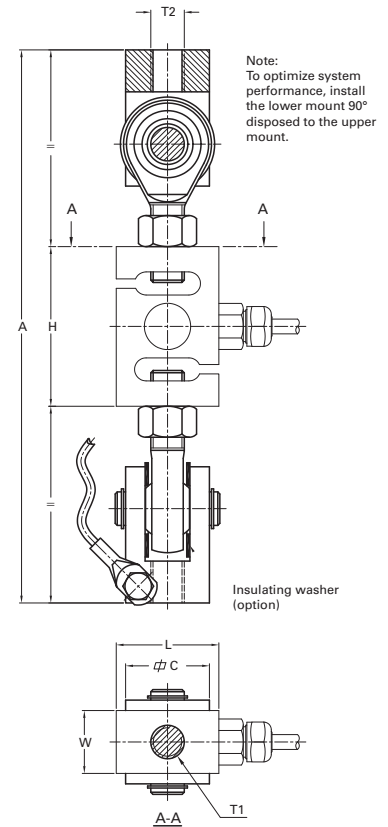
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## DIMENSIONS

Load Cell Type	H	L	W	A	C	T1	T2	Max. safe static load in lbs
	UB6-225/450/1125 lbs	2.4	2.4	1.2	8.7	1.2	M12	
UB1-2250/4500 lbs	3.6	3.4	1.2	10.8	1.6	M16	M16	4500/6744
UB1-11250 lbs	5.4	5.6	1.7	15.7	2.4	M24x2	M24	16860

## LOAD CELLS - CAS-UB6, CAS-UB1

Specifications			
Combined Error	≤ +/- 0.0500%*RO	Excitation Voltage	5...15 V
Rated Output (mV/V)	2.00 +/- 0.1%	Compensated Temp. Range	-10°C... +40°C
Nonlinearity	≤ +/- 0.0400%*RO	Operating Temp. Range	-40°C... +80°C (ATEX -40°C... +60°C)
Hysteresis	≤ +/- 0.0400%*RO	Safe Load Limit	200%*E <sub>max</sub>
Creep Error (30 minutes)	≤ +/- 0.0600%*RO	Ultimate Load	300%*E <sub>max</sub>
Zero Balance	≤ +/- 5%*RO		
Temp. Effect on Min. Dead Load Output	≤ +/- 0.0400%*RO / 10°C	Cable Length	
		6m, Shielded, 4 Conductor Cable, Cable Jacket - Polyurethane	
Temp. Effect on Sensitivity	≤ +/- 0.0200%*RO / 10°C	Cable Color Code	
Input Resistance	1 100 +/- 50 ohms	Input	Green +Excitation
Output Resistance	1 000 +/- 2 ohms		Black -Excitation
Insulation Resistance	≥ 5000 Megohms	Output	White +Signal
Seal Type	Complete Hermetic Sealing, IP68 (up to 2m water depth)/IP69K		Red -Signal
			Yellow Shield
		Approvals	NTEP (Load Cell Only): 07-065 FM



## Models

UB6 - Stainless Steel Load Cell w/Galvanized Steel Mount	
Model #	Capacity
CAS-5304B6-2L	225 lbs
CAS-5304B6-4L	450 lbs
CAS-5304B6-1M	1125 lbs

UB1 - Stainless Steel Load Cell w/Galvanized Steel Mount	
Model #	Capacity
CAS-5304B1-2M	2250 lbs
CAS-5304B1-4M	4500 lbs
CAS-5304B1-11M	11240 lbs

UB6 - Stainless Steel Load Cell w/Stainless Steel Mount	
Model #	Capacity
CAS-5304B6S-2L	225 lbs
CAS-5304B6S-4L	450 lbs
CAS-5304B6S-1M	1125 lbs

UB1 - Stainless Steel Load Cell w/Stainless Steel Mount	
Model #	Capacity
CAS-5304B1S-2M	2250 lbs
CAS-5304B1S-4M	4500 lbs
CAS-5304B1S-11M	11240 lbs

## Kits Available

3 Mount or 4 Mount Kits available. Kits will include the CAS SS34AS NEMA 4X Stainless Steel Junction Box with 4 cell signal trim summing card and 25' of cable.



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Specifications are subject to change for improvement without prior notice.