

The butterfly valve has a corrosion resistant thermoplastic body and disc. Ideal for use in solution throttling applications.

Torque Valves (in-lbs)								
Valve Size Valve Size Opening Closing (in) (mm) Torque Torque								
3"	75	225	200					
4 "	100	325	300					
6"	150	520	480					

## Butterfly Valve - Part Numbers

SIZE	3″	4"	6"		
MM	75 mm	100 mm	150 mm		
Material PVC/EPDM	31350014	31350016	31350018		

## Fluid Flow Coefficient Cv\*

	lve				Degr	ees/Op	en			
Size		10	20	30	40	50	60	70	80	90
in	mm									
3″	75	4.3	16	35	62	94	135	180	235	290
4 "	100	8.6	34	76	137	215	310	420	550	690
6″	150	17.5	67	200	265	410	580	790	1040	1340

handle with positive lock acting on 10 position index plate

FEATURES

with EPDM seat

**AWWA requirements** 

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• Integral boot seal flange, gaskets not required

**Butterfly Valve** 

• Heavy duty one piece PVC body

50% lighter than metal valves Stainless steel index plate

Bolt pattern meets ANSI, DIN and

Triple seal for maximum reliability

Rugged, corrosion resistant metal

Heat treated stainless steel shaft

- Pressure rated to 150 psi, temperatures to 140°F
- Engineered to accommodate electric or pneumatic actuators
- Stem extension kits available

Maximum Operating Pressure - 150 psi Temperture De-rating Table						
Operating Temp °F	PVC					
100	150					
120	100					
140	50					

\* U.S. Gallons per minute @ 1 psi.



## **Butterfly Valve Specifications**

LARGE DIAMETER O-RING PROVIDES POSITIVE SHAFT TO BODY SEAL

TWO EASILY REPLACEABLE POLY-PRO BEARINGS FOR SMOOTH OPERATION AND LONG LIFE

UNIQUE SECONDARY SEALS USE COMBINATION OF LIP SEALS AND O-RINGS

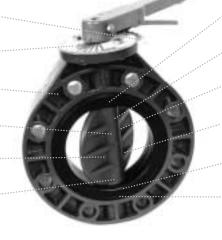
RUGGED PRIMARY SEAL DESIGN FOR LONG LIFE AND BUBBLE TIGHT CLOSURE

LARGE AREA, HIGH STRENGTH, BEARING CONSTRUCTION

CORROSION RESISTANT STAINLESS STEEL SHAFT, HEAT TREATED AND TEMPERED FOR MAXIMUM STRENGTH

H-2

H-1



RUGGED, COATED METAL HANDLE WITH POSITIVE LOCK

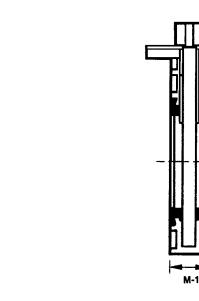
EASY TO READ CADMIUM PLATED 10 POSITION INDEX PLATE

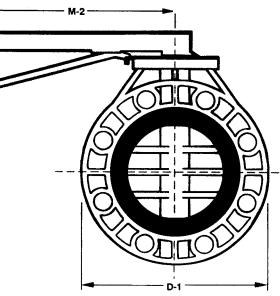
HEAVY DUTY 1 PIECE PVC BODY. RESIST ATMOSPHERIC CORROSION

BOLT PATTERN MEETS ANSI, DIN SPECIFICATIONS AND AWWA DIMENSIONAL STANDARDS

INTEGRAL "O" RING PROVIDES TOTAL PROTECTION . AGAINST ENVIRONMENTAL LEAKAGE AND BOOT PULL-OUT

> LOCKING BAND PREVENTS BOOT SHIFTING . AND PROVIDES POSITIVE DISC SEAL





Bolt Specifications

	alve ize		USS Std. Hex Head Bolt Dia.	USS Std. Hex Nut	SAE St Wash		Rec'd Torque
in	mm		in	in	Size	O.D.	Ft./Lbs.
3 "	75	4/8	5/8	5/8	5/8	5/16	20-30
4 "	100	8	5/8	5/8	5/8	1-5/16	20-30
6"	5″ 150 8		3/4	3/4	3/4	1.1/2	35-50

\* U.S. Gallons per minute @ 1 psi.

## Dimensions

Valve Size		М	1	M2		H1		H2		D1	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
3"	50	1.75	44.45	9.50	241.30	4.87	123.70	6.32	160.53	7.50	190.50
4 "	75	2.00	50.80	10.00	254.00	6.13	155.70	7.45	189.23	9.00	228.60
6"	100	2.13	54.10	12.13	308.10	6.88	174.75	8.20	208.28	11.19	284.23