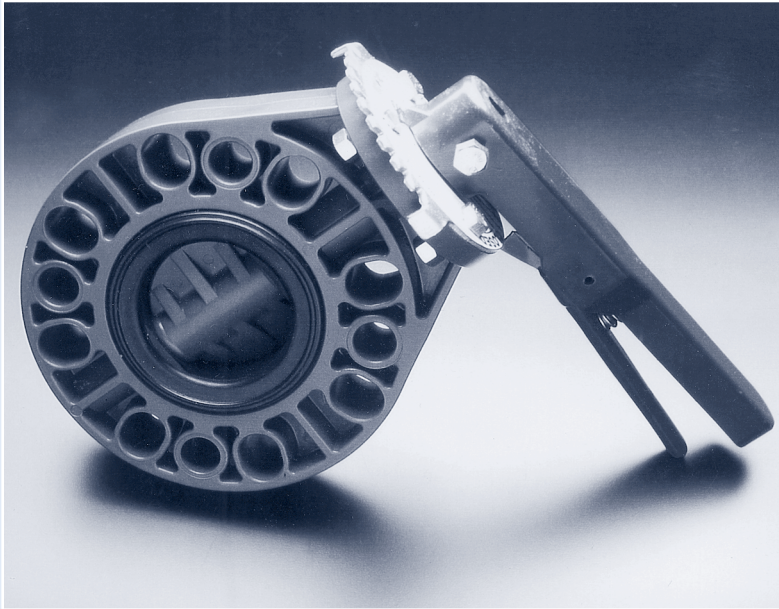


Butterfly Valve

FEATURES

- Heavy duty one piece PVC body with EPDM seat
- 50% lighter than metal valves
- Stainless steel index plate
- Bolt pattern meets ANSI, DIN and AWWA requirements
- Triple seal for maximum reliability
- Heat treated stainless steel shaft
- Rugged, corrosion resistant metal handle with positive lock acting on 10 position index plate
- Integral boot seal flange, gaskets not required
- Pressure rated to 150 psi, temperatures to 140°F
- Engineered to accommodate electric or pneumatic actuators
- Stem extension kits available



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

Torque Valves (in-lbs)

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

Maximum Operating Pressure - 150 psi
Temperature De-rating Table

Operating Temp °F	PVC
100	150
120	100
140	50

Butterfly Valve - Part Numbers

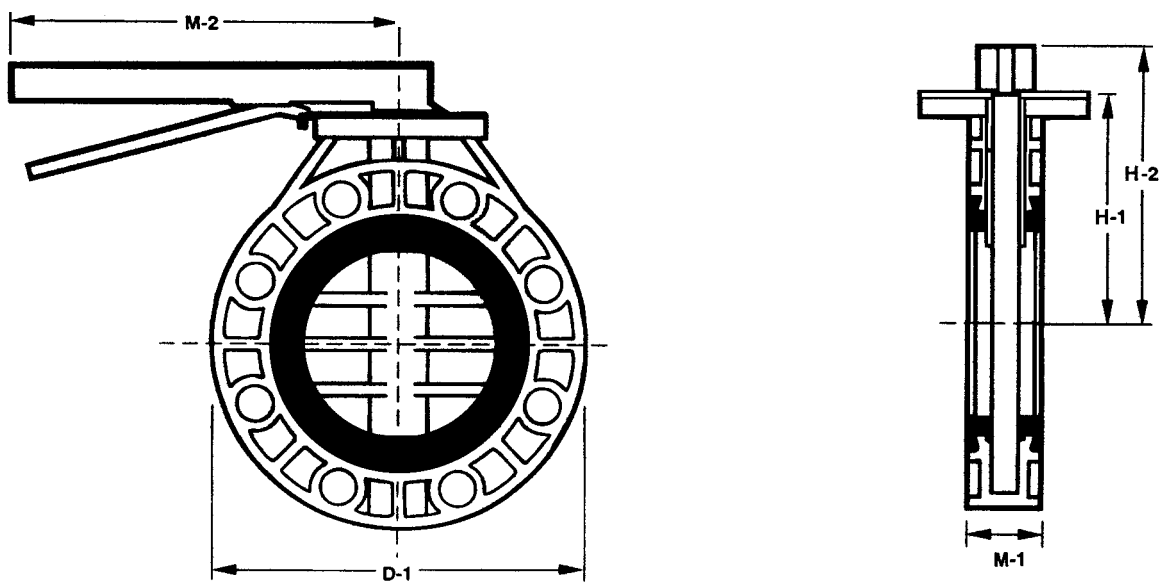
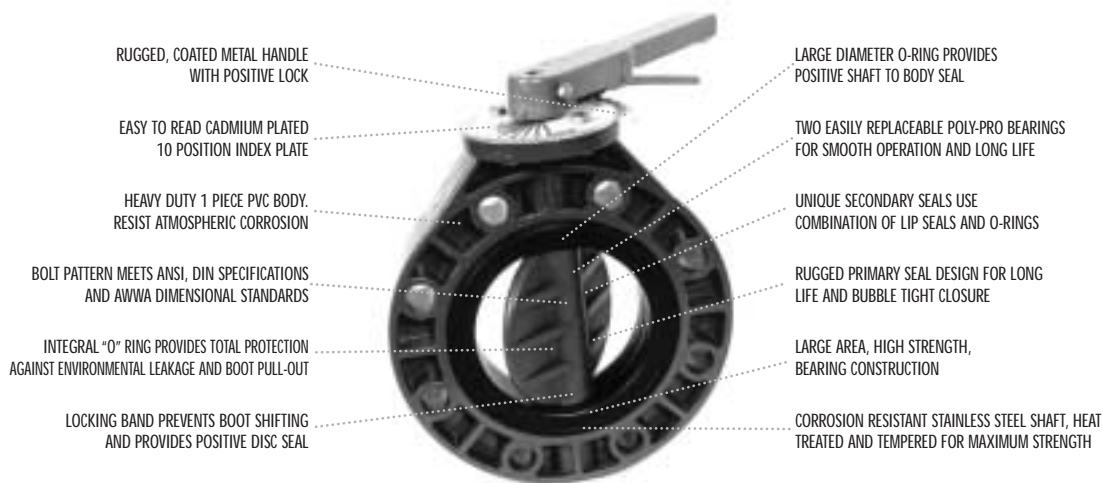
SIZE	3"	4"	6"
MM	75 mm	100 mm	150 mm
Material PVC/EPDM	31350014	31350016	31350018

Fluid Flow Coefficient Cv*

Valve Size		Degrees/Open								
		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

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

Butterfly Valve Specifications



Bolt Specifications

Valve Size		Number of Flange Holes	USS Std. Hex Head Bolt Dia.		USS Std. Hex Nut		SAE Std. Flat Washer (in)		Rec'd Torque Ft./Lbs.
in	mm		in	in	Size	O.D.			
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"	150	8	3/4	3/4	3/4	1-1/2	35-50		

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

Dimensions

Valve Size		M1		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