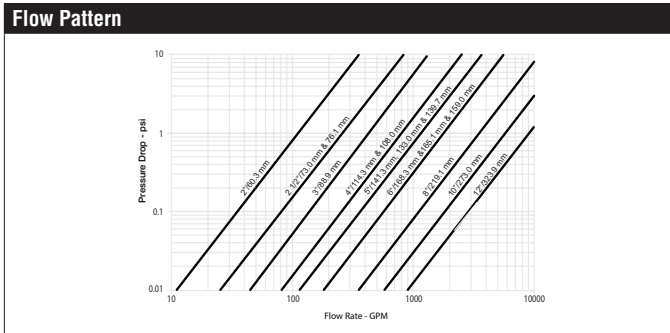


F680VIC, 3", 2-Way Victaulic Butterfly Valve

Pressure Enhanced Rubber Seat



Technical Data	
Service	chilled, hot water, up to 60% glycol
Flow Characteristic	modified equal percentage
Controllable Flow Range	90° rotation
Size [mm]	3" [80]
End Fitting	Grooved ANSI/AWWA (C606)
Body	ductile iron ASTM A536 grade 65-45-12
Body Finish	black alkyd enamel
Stem	stainless steel
Stem Bearing	fiberglass with TFE lining
Seat	EPDM
Shaft	416 stainless steel
Disc	electroless nickel coated ductile iron
Body Pressure Rating [psi]	300
Media Temperature Range (Water)	-22°F to 250°F [-30°C to 120°C]
Close-Off Pressure	200 psi
Rangeability	100:1
Maximum Velocity	20 FPS
Cv	440
Weight	6 lb [2.7 kg]
Leakage	0%
Servicing	maintenance free



Application

These valves are designed to meet the needs of HVAC and commercial applications requiring bubble tight shut-off for liquids. Typical applications include chiller insulation, cooling tower isolation, change-over systems, large air handler coil control, bypass and process control applications. The large Cv values provide for an economical control valve solution for larger flow applications. Designed for use in Victaulic piping systems.

Jobsite Note

Valve assembly should be stored in a weather protected area prior to installation. Reference the butterfly valve installation instruction for additional information.

Flow/Cv					
Cv 30°	Cv 40°	Cv 50°	Cv 60°	Cv 70°	Cv 90°
26	50	90	140	230	440

Suitable Actuators		
	Non-Spring	Spring
F680VIC	GM, SY5	2*AFB(X)

Dimensions (Inches [mm])			
A	B	C	D
3.77" [96]	2.10" [53.3]	4.25" [108]	0.88" [22.4]