

F6300-150SHP, 12", 2-Way ANSI Class 150 Butterfly Valve

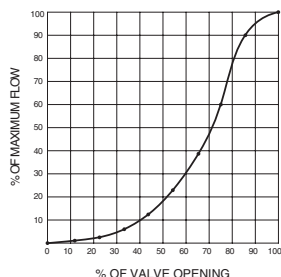
Reinforced Teflon Seat, 316 Stainless Steel



Technical Data

Service	chilled or hot water, up to 60% glycol, steam
Flow Characteristic	modified equal percentage, unidirectional
Controllable Flow Range	Quarter turn, mechanically limited
Size [mm]	12" [300]
End Fitting	ASME/ANSI Class 150 flange
Body	carbon steel full lug (ASME B16.34)
Seat	RPTFE
Shaft	17-4 PH stainless steel
Bushings	glass backed PTFE
Disc	316 stainless steel
Body Pressure Rating [psi]	ASME/ANSI Class 150
ANSI Class	ANSI 150
Number of Bolt Holes	12
Lug Threads	7/8-9 UNC
Maximum Steam Inlet (Rotary actuators)	50 psi (345 kPa)
Media Temperature Range (Water)	-22°F to 400°F [-30°C to 204°C]
Close-Off Pressure	285 psi
Ambient Temperature Range	-22°F to 122°F [-30°C to 50°C]
Rangeability	100:1
Maximum Velocity	32 FPS
Cv	4837
Weight	132.9 lb [60.3 kg]
Leakage	0%
Servicing	maintenance free

Flow Pattern



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.

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 10°	Cv 20°	Cv 30°	Cv 40°	Cv 50°	Cv 60°	Cv 70°	Cv 80°	Cv 90°
73	290	677	1219	1838	2660	3628	4692	4837

Suitable Actuators

	Non-Spring
F6300-150SHP	SY5, SY4

Dimensions (Inches [mm])

A	B	C	D	E	F	J
11.8" [300]	3.23" [82]	45.5" [1156]	35" [889]	10.5" [267]		54.36" [1380]