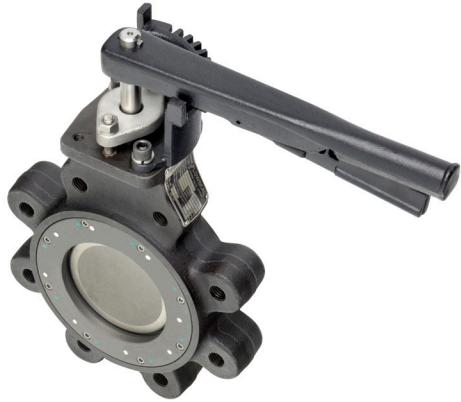


F665-300SHP+HND05 Technical Data Sheet

Reinforced Teflon Seat, 316 Stainless Steel



Technical Data	
Fluid	chilled or hot water, up to 60% glycol, steam
Flow characteristic	modified equal percentage, unidirectional
Controllable flow range	quarter turn, mechanically limited
Valve Size [mm]	2.5" [65]
Pipe connection	for use with ASME/ANSI b16.5 flanges
Housing	Carbon steel full lug (ASME B16.34)
Stem	17-4 PH stainless steel
Seat	RPTFE
Bearing	glass backed PTFE
Disc	316 stainless steel
Body Pressure Rating	ANSI Class 300
ANSI Class	300
Number of Bolt Holes	8
Lug threads	3/4-10 UNC
Close-off pressure Δ ps	740 psi
Rangeability Sv	100:1
Maximum Velocity	32 FPS
Cv	143
Weight	26 lb [12 kg]
Fluid Temp Range (water)	-22...400°F [-30...204°C]
Leakage rate	0%
Servicing	maintenance-free

Application

1. Valves are rated at 725 psi differential pressure in the closed position @100°F media temperature.
2. Valves are furnished with lugs tapped for use between ANSI Class 250/300 flanges conforming to ANSI B16.5 Standards.
3. 2-Way assemblies are furnished assembled, calibrated and tested, ready for installation.
4. Dimension "D" allows for actuator(s) removal without the need to remove the valve from the pipe.
5. Weather shields are available, dimensional data upon request.
6. Dual actuated valves have actuators mounted on a single common shaft.
7. Flange gaskets (2 required, not provided with valve) MUST be used between valve and ANSI flange.
8. Flange bolts are not included with the valve. These are furnished by others.

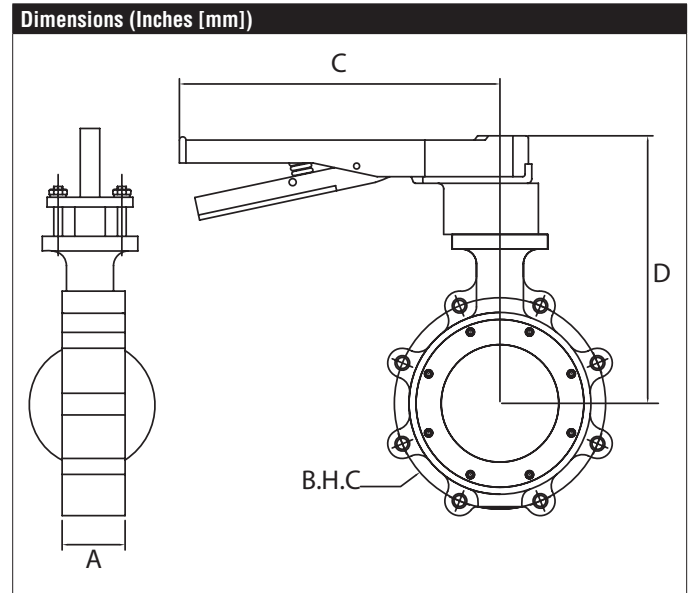
Product Features

Reinforced Teflon seat, 316 stainless disc, 0% leakage isolation to ANSI class 300 standards, long stem design allows for 2" installation minimum, valve face-to-face dimensions comply with API 609 & MSS-SP-68, designed to be installed between ASME/ANSI B flanges.

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°
2.1	8	19	34	52	75	102	136	143



A	C	D
1.9" [48]	10.9" [277]	9.5" [241]

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