Date created, 02/08/2017 - Subject to change. © Belimo Aircontrols (USA), Inc.

F6500HD, 20", 2-Way Butterfly Valve Resilient Seat, 304 Stainless Steel Disc

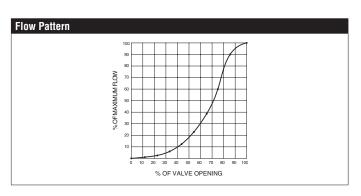






74
YEAR
WARRANTY

Technical Data Service Chilled, hot water, up to 60% glycol Flow Characteristic modified equal percentage Controllable Flow Range 90° rotation Size [mm] 20" [500] End Fitting For use with ANSI Class 125/150 flanges Body ductile iron ASTM A536 Body Finish epoxy powder coated Stem Packing EPDM (lubricated) Seat EPDM Shaft 416 stainless steel Bushings RPTFE Disc 304 stainless steel Body Pressure Rating [psi] ANSI 125, standard class B Number of Bolt Holes 20 Lug Threads 1 1/8-7 UNC Media Temperature Range (Water) Close-Off Pressure 200 psi Rangeability 10:1 (for 30° to 70° range) Maximum Velocity 12 FPS Cv 27908 Weight 271.2 lb [123 kg] Leakage 0% Servicing maintenance free		
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Body Body Finish Bepoxy powder coated EPDM (lubricated) Seat Body Finish Bushings Breffe Bosc Body Pressure Rating [psi] Body Pressure Range (value of the pressure Range (value) Body Pressur	Size [mm]	20" [500]
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Seat EPDM Shaft 416 stainless steel Bushings RPTFE Disc 304 stainless steel Body Pressure Rating [psi] ANSI 125, standard class B Number of Bolt Holes 20 Lug Threads 1 1/8-7 UNC Media Temperature Range (Water) Close-Off Pressure 200 psi Rangeability 10:1 (for 30° to 70° range) Maximum Velocity 12 FPS Cv 27908 Weight 271.2 lb [123 kg] Leakage 0%	Body Finish	epoxy powder coated
Shaft 416 stainless steel Bushings RPTFE Disc 304 stainless steel Body Pressure Rating [psi] ANSI 125, standard class B Number of Bolt Holes 20 Lug Threads 1 1/8-7 UNC Media Temperature Range (Water) Close-Off Pressure 200 psi Rangeability 10:1 (for 30° to 70° range) Maximum Velocity 12 FPS Cv 27908 Weight 271.2 lb [123 kg] Leakage 0%	Stem Packing	EPDM (lubricated)
Bushings RPTFE Disc 304 stainless steel Body Pressure Rating [psi] ANSI 125, standard class B Number of Bolt Holes 20 Lug Threads 1 1/8-7 UNC Media Temperature Range (Water) Close-Off Pressure 200 psi Rangeability 10:1 (for 30° to 70° range) Maximum Velocity 12 FPS Cv 27908 Weight 271.2 lb [123 kg] Leakage 0%	Seat	EPDM
Disc 304 stainless steel Body Pressure Rating [psi] ANSI 125, standard class B Number of Bolt Holes 20 Lug Threads 1 1/8-7 UNC Media Temperature Range (Water) Close-Off Pressure 200 psi Rangeability 10:1 (for 30° to 70° range) Maximum Velocity 12 FPS Cv 27908 Weight 271.2 lb [123 kg] Leakage 0%	Shaft	416 stainless steel
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Number of Bolt Holes 20 Lug Threads 1 1/8-7 UNC Media Temperature Range (Water) -22°F to 250°F [-30°C to 120°C] Close-Off Pressure 200 psi Rangeability 10:1 (for 30° to 70° range) Maximum Velocity 12 FPS Cv 27908 Weight 271.2 lb [123 kg] Leakage 0%	Disc	304 stainless steel
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Cv 27908 Weight 271.2 lb [123 kg] Leakage 0%	Rangeability	10:1 (for 30° to 70° range)
Weight 271.2 lb [123 kg] Leakage 0%	Maximum Velocity	12 FPS
Leakage 0%	Cv	27908
250.1035	Weight	271.2 lb [123 kg]
Servicing maintenance free	Leakage	0%
	Servicing	maintenance free



Application

Valve is designed for use in ANSI flanged piping systems to meet the needs of bi-directional high flow HVAC hydronic applications with 0% leakage. Typical applications include cooling tower bypass, primary flow change-over systems, and large air handler coil control.

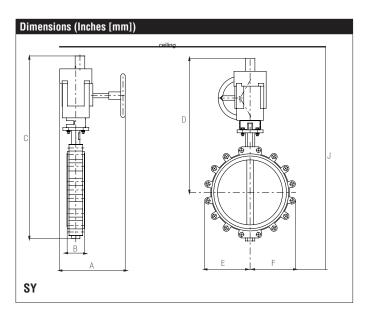
Jobsite Note

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

Flow/Cv								
Cv 10°	Cv 20°	Cv 30°	Cv 40°	Cv 50°	Cv 60°	Cv 70°	Cv 80°	Cv 90°
14	791	1674	3628	6465	10698	16931	25396	27908

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	Non-Spring
F6500HD	SY8



А	В	С	D	Е	F	J
17.75"	5" [127]	50.57"	35" [889]	13.5"	[343]	57.4"
[451]		[1284]				[1458]