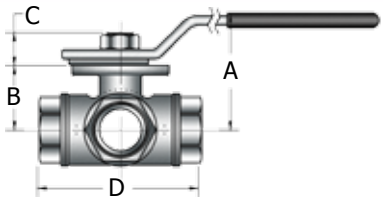
S2S/S2F-TT & TL SERIES BALL VALVE

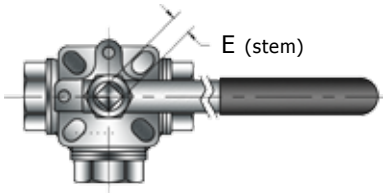


Features:

- Stainless Steel 3-Way Ball Valve
- 29" Hg-1000psi WOG (1/4" to 1"), 800psi (1-1/4" to 2")
- ISO 5211 Mounting Pad
- 4 RTFE Seat Design for Sealing Between Pressurized Ports
- Temperature -20°F to 450°F

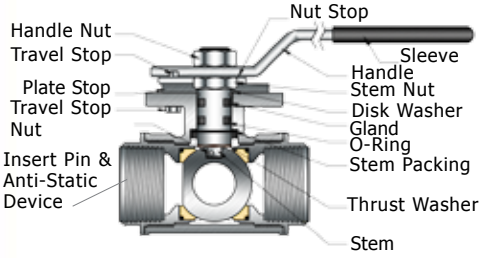


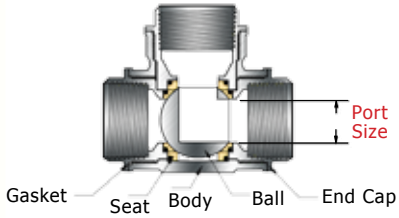
NOTE: *
S2S-3TT = T-Port
S2S-3TL = L-Port



Dimensions

PART # Full Port	PART # Std Port	Port Size	A	B	C	D	E in/mm	ISO 5211	Break Torque in/Lbs	Wt. Lbs.
S2F-2T*	N/A	0.43	2.44	1.45	0.40	2.83	.35/9	F03/04	105	1.45
S2F-3T*	S2S-4T*	0.47	2.44	1.45	0.40	2.83	.35/9	F03/04	105	1.41
S2F-4T*	S2S-6T*	0.59	2.51	1.65	0.45	3.26	.35/9	F03/04	138	1.87
S2F-6T*	S2S-8T*	0.78	3.22	1.90	0.59	3.89	.43/11	F04/05	184	3.21
S2F-8T*	S2S-10T*	0.98	3.50	2.18	0.55	4.40	.43/11	F04/05	323	4.80
S2F-10T*	S2S-12T*	1.25	3.85	2.48	0.64	4.92	.55/14	F05/07	461	7.23
S2F-12T*	S2S-16T*	1.49	4.25	2.88	0.62	5.86	.55/14	F05/07	633	11.5
S2F-16T*	N/A	1.96	5.51	3.63	0.88	6.85	.66/17	F07/10	1037	20.9

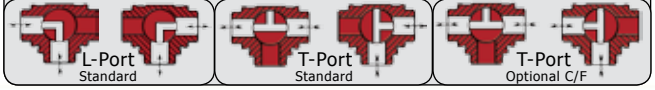




Bill of Materials

PART	Material	PART	Material
End Cap	A351 CF8M	Stem Nut	304 Stainless Steel
Gasket	PTFE	Nut Stop	
Body	A351 CF8M	Space Washer	
Ball	316 Stainless Steel	Plate Stop	
Seats	RTFE	Handle Nut	
Stem	316 Stainless Steel	Handle	
Stem Seal	RPTFE	Handle Sleeve	Vinyl
O-Ring	Viton®	Travel Stop	304 Stainless Steel
Stem Packing	PTFE	Travel Stop Nut	
Gland	304 Stainless Steel	Insert Pin	316 Stainless Steel
Disk Washer	301 Stainless Steel	Antistatic Device	

Media Flow Paths for "L" and "T" Port 3-Way Valves
Flow will be as depicted below depending on lever Position



MBV53