

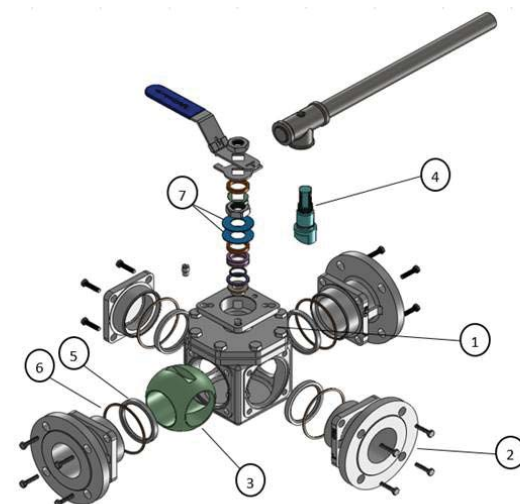
The SVF Series MB51 Multi-Ported ball valves are designed for positive shut-off on any of the three ports for superior performance in plant-wide applications. The direct mount feature reduces the size and weight of automated valves.

SERIES MB51 DESIGN FEATURES

- ✓ Designed & built for superior performance
- ✓ L-Port and T-Port options
- ✓ Positive shut-off on any of the three ports
- ✓ Built-In ISO 5211 direct mounting pad for easy automation
- ✓ Blowout proof stem adds safety and reliability
- ✓ Full ported ANSI 150

MATERIALS OF CONSTRUCTION

ITEM #	DESCRIPTION	MATERIALS SPECIFICATIONS
1	Body	316 Stainless Steel (ASTM A351 CF8M) Carbon Steel (ASTM A216 WCB)
2	End Connector	316 Stainless Steel (ASTM A351 CF8M) Carbon Steel (ASTM A216 WCB)
3	Ball	316 Stainless Steel (ASTM A182)
4	Stem	316 Stainless Steel (ASTM A276)
5	Seat	RTFE
6	Body Seal	PTFE
7	Stem Seal	PTFE



SPECIFICATION STANDARDS OF COMPLIANCE

SVF Series MB51 Ball Valves are available in designs that meet the following Industry Standards:

- ANSI
- NACE
- ASTM
- ASME
- API
- MSS
- ISO

Contact SVF for specific applications

What do you need today?™

HIGH PURITY VALVES
CleanFLOW

PRO-SPEC
PROCESS SPECIFIC

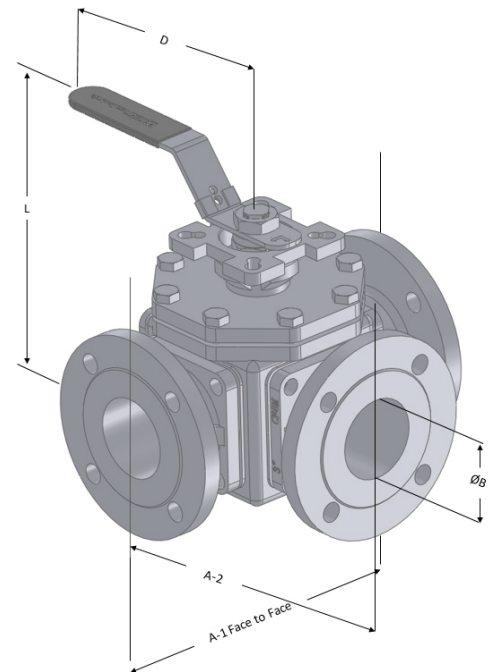
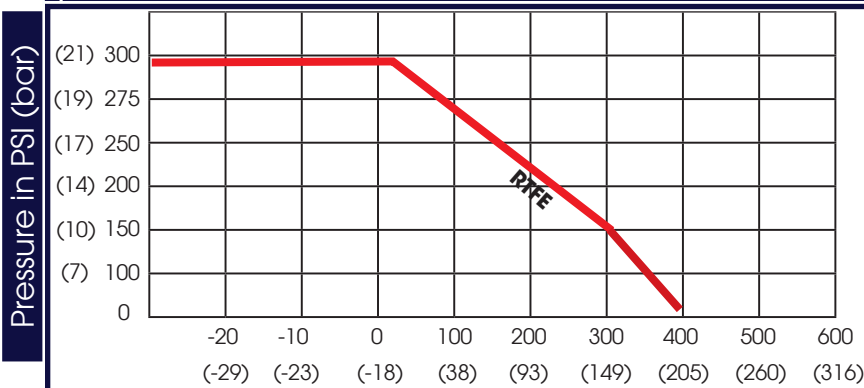
QUALITY FLOWS
THROUGH US



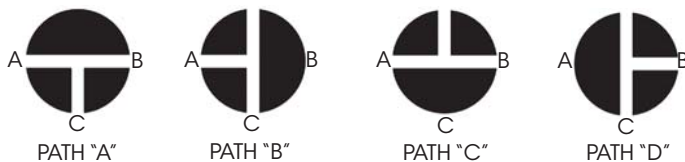
DIMENSIONS, WEIGHT, CV, TORQUE

Size	A1		A2		ØB		D		L		Weight		Cv	Torque	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg		in-lbf	Nm
1"	7.48	190	3.74	95	0.98	25	6.30	160	3.39	86	12	5.4	91	186	21
1-1/2"	8.66	220	4.33	110	1.50	38	7.28	185	4.33	110	24	10.8	254	416	47
2"	10.00	254	5.00	127	1.89	48	9.84	250	5.24	133	39	17.7	442	637	72
2-1/2"	11.5	292	11.5	292	2.44	62	19.69	500	7.87	200	69	31.3	700	832	94
3"	12.01	305	6.00	152.5	2.99	76	19.69	500	8.50	216	90	40.8	1084	1104	125
4"	14.53	369	7.26	184.5	3.86	98	25.59	650	9.06	230	143	64.8	2082	1898	214

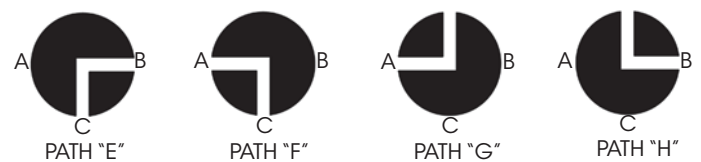
PRESSURE/TEMPERATURE CHART



T-PORT FLOW PATHS:



L-PORT FLOW PATHS:



HOW TO ORDER SVF SERIES MB51 MULTI-PORTED BALL VALVES

Please refer to the next page for our comprehensive
How to Order Guide for Series MB51 Ball Valves

Ordering Code Sequence (Columns 1 thru 11)

1	2	3	4	5	6
SERIES	BODY	ENDS	BALL	STEM	SEAT MATERIAL
MB51	4 = Carbon Steel ASTM A216 WCB 6 = 316 Stainless Steel ASTM A351 CF8M	4 = Carbon Steel ASTM A216 WCB 6 = 316 Stainless Steel ASTM A351 CF8M	6 = 316 Stainless Steel ASTM A351 CF8M	6 = 316 Stainless Steel ASTM A276 316	R= RTFE

7	8	9	10	11
SEAL MATERIAL	END CONNECTIONS	VALVE SIZE	OPTIONS	SPECIAL SERVICES
T = PTFE	RF1 = 150# Flanged Ends	010 = 1" 015 = 1-1/2" 020 = 2" 030 = 3" 040 = 4"	T1 = T - PORT BALL L1 = L - PORT BALL	00 = None

Order Example: (MB516666RTRF1010T100) The part Number will contain 20 digits.

Ordering Code Sequence >>

Sample Part Number >>

1	2	3	4	5	6	7	8	9	10	11
MB51	6	6	6	6	R	T	RF1	010	T1	00
Valve Series	Body Material	End Material	Ball	Stem	Seat Material	Seal Material	End Connections	Valve Size	Options	Special Services

NOTE:
Manual Valves are supplied with lockable lever handles.