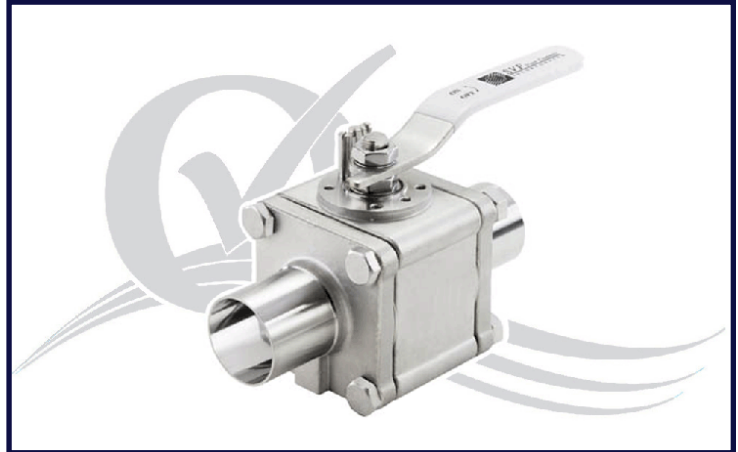


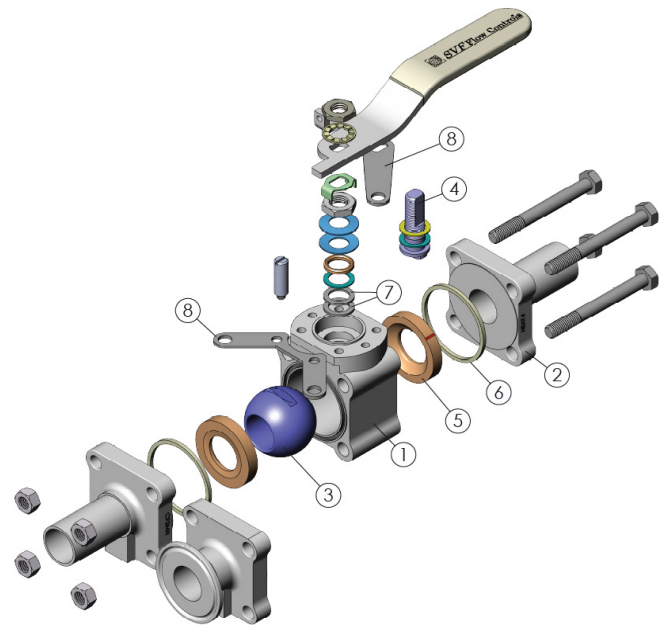
CleanFLOW™ SB79 Hastelloy ball valves are engineered to be a true process piping component to specifically meet the demanding processes found in the pharmaceutical and food & beverage industries. The "Tube-ID" port opening is dimensionally identical to the adjacent tubing to comply with ASME-BPE guidelines.

SERIES SB79 DESIGN FEATURES

- ✓ ASME-BPE compliant
- ✓ Cavity filled TFM1600™ seat option available (SBC79)
- ✓ Drainable design with "Tube-ID" dimensions
- ✓ Weld bosses for easy purge porting on ends
- ✓ ISO 5211 mounting pad for easy actuation
- ✓ Encapsulated body seals to facilitate welding without disassembly
- ✓ End connections include Tri-Clamp and Extended Tube O.D.
- ✓ Standard interior finish is 20Ra or better
- ✓ ETO ends are designed for Orbital Welding
- ✓ Exclusive "Fine Adjust" handle for precise positioning



The Series SB79 Ball Valve is available with additional options. Contact SVF for more information.



MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIALS SPECIFICATIONS (Additional options available)
1	Body	Hastelloy (ASTM A494 CW12MW)
2	End Connector	Hastelloy (ASTM A494 CW12MW)
3	Ball	Hastelloy (ASTM A494 CW12MW)
4	Stem	Hastelloy (ASTM A494 CW12MW)
5	Seat	TFM1600™
6	Body Seal	PTFE
7	Stem Seal	TFM1600™
8	Locking Device (optional)	304 Stainless Steel

There are no elastomers used for any of the components on the SB79 valves. Only PTFE and TFM are used for seats and seals.

What do you need today?™

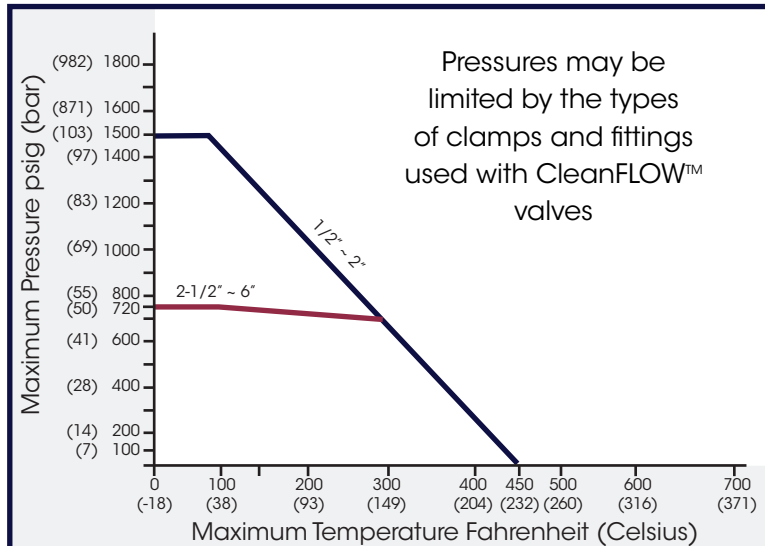
HIGH PURITY
CleanFLOW®

PRO-SPEC
PROCESS SPECIFIC
WWW.PRO-SPEC.NET

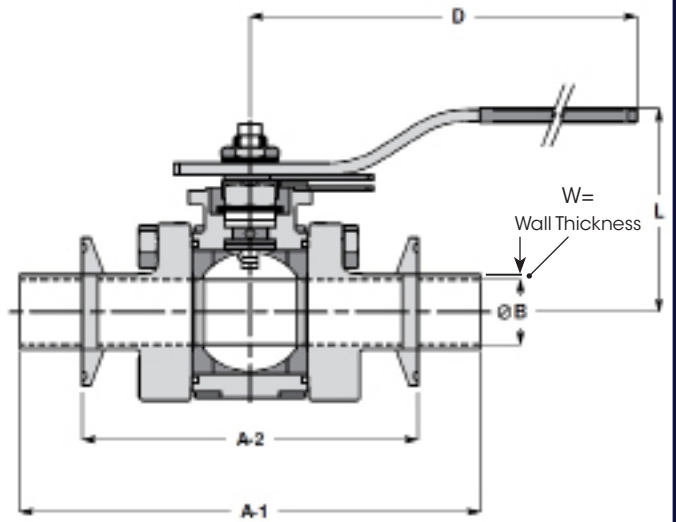
QUALITY FLOWS
THROUGH US

DIMENSIONS, WEIGHT, Cv, TORQUE

Size	A-1		A-2		B		D		L		W		Weight		Cv	Torque*	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg		in-lbf	Nm
1/2"	5.50	140	3.50	89	0.37	9	5	114	2.22	56	0.065	1.7	2	0.9	8	60	7
3/4"	6.00	152	4.00	102	0.62	16	5	114	2.28	58	0.065	1.7	2	0.9	29	60	7
1"	6.50	165	4.50	114	0.87	22	6	146	2.56	65	0.065	1.7	4	1.8	66	100	11
1-1/2"	7.50	191	5.50	140	1.37	35	7	178	3.09	78	0.065	1.7	8	3.6	192	200	23
2"	8.00	203	6.25	159	1.87	47	7	178	3.45	88	0.065	1.7	13	5.9	434	250	28
2-1/2"	9.50	241	6.75	171	2.37	60	10	254	5.35	136	0.065	1.7	23	10.4	723	450	51
3"	10.50	267	7.00	178	2.87	73	14	348	6.55	166	0.065	1.7	31	14.1	1124	1300	147
4"	12.50	318	8.50	216	3.83	97	22	559	7.14	181	0.083	2.1	46	20.9	2100	1400	158
6"	16.00	406	17.00	432	5.78	147	26	660	12.00	305	0.109	2.8	196	88.5	4700	4160	470

SB79 - PRESSURE/TEMPERATURE CHART


* At full differential pressure for clean fluids with TFM1600™ Non-Cavity Filled Seats


HOW TO ORDER SERIES SB79 BALL VALVES

Please refer to the next page for our comprehensive How to Order Guide for Series SB79 Ball Valves.

Ordering Code Sequence (Columns 1 thru 11)

1	2	3	4	5	6
SERIES	BODY	ENDS	BALL	STEM	SEAT MATERIAL
SB70	9 = Hastelloy ASTM A494 CW12MW	9 = Hastelloy ASTM A494 CW12MW	9 = Hastelloy ASTM A494 CW12MW	9 = Hastelloy ASTM A494 CW12MW	A = TFM1600™ Q = TFM1600™ Cavity Filled

7	8	9	10	11
BODY SEAL	END CONNECTIONS	VALVE SIZE	OPTIONS*	SPECIAL SERVICES*
T = PTFE	TR0 = Tri-Clamp Ends ETO = Extended Tube-OD Ends JAH = Extended Tube-OD End X Tri-Clamp End (Extended Tube-OD End is under the handle on manual valves)	005 = 1/2" 007 = 3/4" 010 = 1" 015 = 1-1/2" 020 = 2" 025 = 2-1/2" 030 = 3" 040 = 4" 060 = 6"	00 = Standard Lever Handle OH = Oval Handle LK = Locking Device AD = Anti-Static Device AA = Oval Handle & Locking Device AC = Locking Device & Anti-Static Device AG = ISO Stem Extension & Locking Device JA = Oval Handle, ISO Stem Extension & Locking Device JB = Oval Handle, ISO Stem Extension & Anti-Static Device JE = Locking Device, ISO Stem Extension & Anti-Static Device	00 = None XC = Oxygen Cleaned SB = 10Ra ID Finish

Order Example: (SB709999ATTR00050000) The Part Number will contain 20 digits.

Ordering Code Sequence >>

Sample Part Number >>

1	2	3	4	5	6	7	8	9	10	11
SB70	9	9	9	9	A	T	TR0	050	00	00

Valve Series / Body Material / End Material / Ball / Stem / Seat Material / Seal Material / End Connections / Valve Size / Options* / Special Services*

* Not all Options or Special Services available on all ball valves. Consult SVF for additional information.