



# CleanTECH Series SB9B Ball Valve

Three-Piece Sanitary Ball Valve, Sizes 1/2" ~ 4"

The SVF Series SB9B Sanitary Ball Valve is the newest member to our CLEANTECH™ family of high purity products. The SB9B is an ideal, competitively priced solution for manual and automated ball valve requirements in semiconductor, food & beverage, dairy, flavorings, cosmetic and fragrance applications.

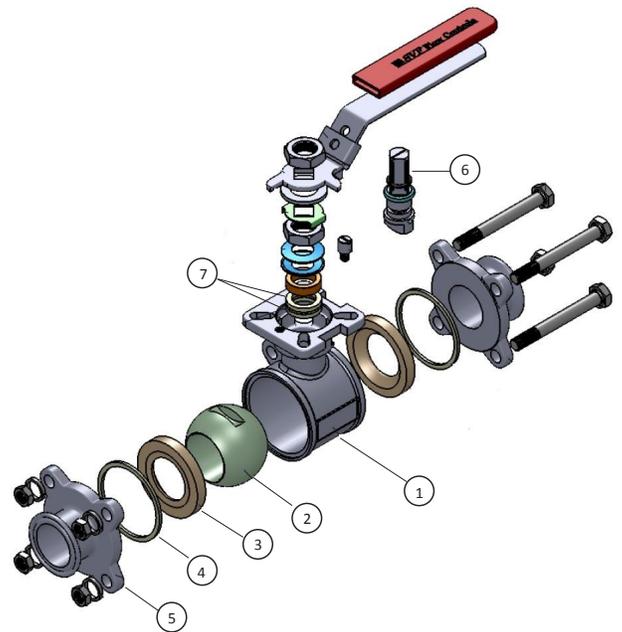
## SERIES SB9B DESIGN FEATURES

- Three piece investment cast stainless steel
- Tri-Clamp (TRO) end connections
- PTFE™ seat and body seal material comply with USP Class VI
- Built-In ISO 5211 direct mounting pad for easy actuation
- Interior finish of 20Ra
- Silicone Free
- Blowout proof stem adds safety & reliability
- All materials comply with applicable ASTM material specifications, FDA and USDA
- Standard Anti-Static Device
- Live-loaded stem packing ensures seal-tight pressure containment even under thermal cycling



## MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIALS SPECIFICATIONS
1	Body	316 Stainless Steel (ASTM A351 CF8M)
2	End Connection	Tri-Clamp Ends (TRO) 316 Stainless Steel (ASTM A351-CF8M)
3	Ball	316 Stainless Steel (ASTM A351 CF8M)
4	Stem	316 Stainless Steel (ASTM A276-316)
5	Seat	PTFE
6	Body Seal	PTFE
7	Stem Seal	PTFE



## SERIES SB9 for Automation

SB9B valves feature direct mounting for pneumatic or electric automation. This feature reduces the cost and additional size and weight of valves requiring a mounting adapter kit.



What do you need today?™





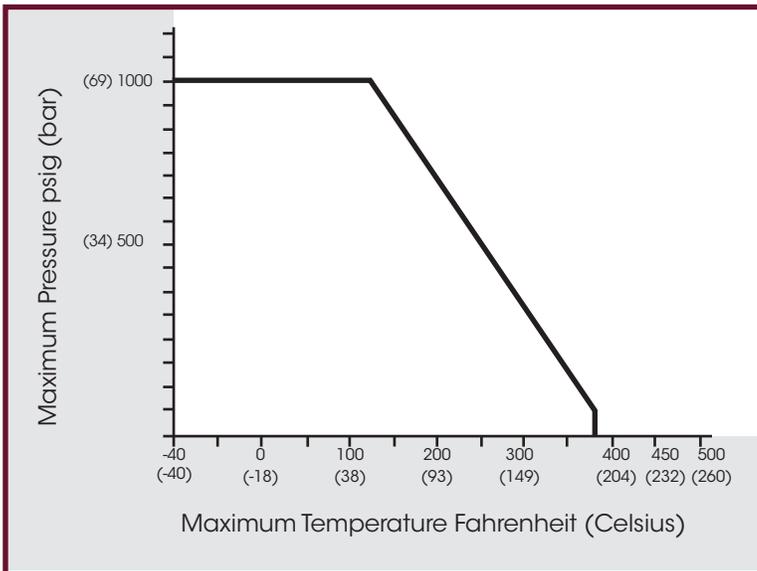
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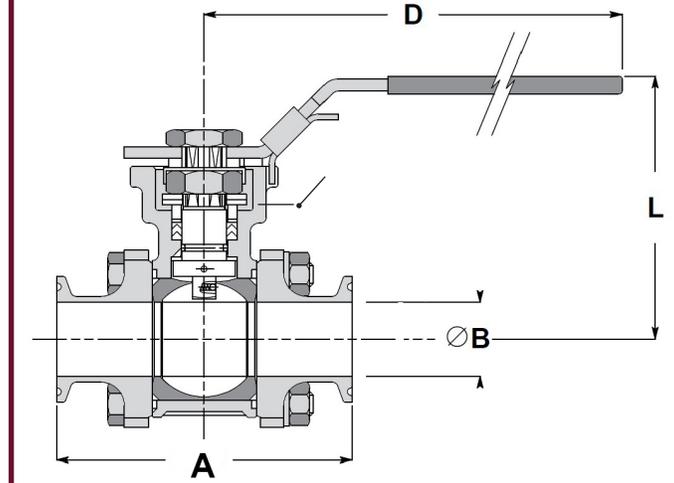
## DIMENSIONS, WEIGHT, Cv, TORQUE

Size	A		B		D		L		Weight		Cv	Torque*	
	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg		in-lbf	Nm
1/2"	3.50	89	0.37	9	4.92	125	2.91	74	1.2	0.54	8	50	6
3/4"	4.13	105	0.62	16	4.92	125	2.91	74	1.3	0.59	29	50	6
1"	4.49	114	0.87	22	6.10	155	3.50	89	3	1.36	66	93	11
1-1/2"	5.51	140	1.37	35	7.28	185	4.33	110	4	1.81	192	161	18
2"	6.14	156	1.87	47	7.28	185	4.64	118	7	3.18	434	223	25
2-1/2"	7.76	197	2.37	60	9.76	248	6.42	163	17	7.7	723	415	47
3"	9.01	229	2.87	73	9.76	248	6.77	172	26	12	1124	589	67
4"	9.49	241	3.83	97	15.55	395	7.95	202	44	20	2100	774	87

## SB9B - PRESSURE/TEMPERATURE CHART



\* At full differential pressure for clean fluids with PTFE Seats



## HOW TO ORDER SERIES SB9B BALL VALVES



Please refer to the next page for our comprehensive How to Order Guide for Series SB9B Ball Valves.



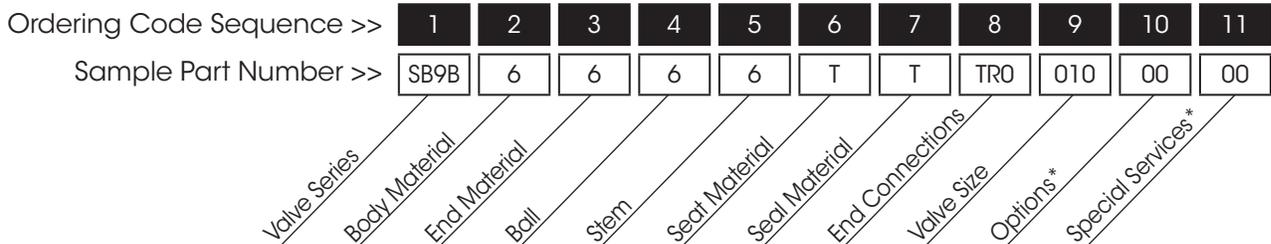
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Ordering Code Sequence (Columns 1 thru 11)

1	2	3	4	5	6
SERIES	BODY	ENDS	BALL	STEM	SEAT MATERIAL
SB9B	6 = 316 Stainless Steel ASTM A351-CF8M	6 = 316 Stainless Steel ASTM A351- CF8M	6 = 316 Stainless Steel ASTM A351-CF8M	6 = 316 Stainless Steel ASTM A276-316	T = PTFE
7	8	9	10	11	
BODY SEAL	END CONNECTIONS	VALVE SIZE	OPTIONS*	SPECIAL SERVICES*	
T = PTFE	TR0 = Tri-Clamp Ends	005 = 1/2" 007 = 3/4" 010 = 1" 015 = 1-1/2" 020 = 2" 025 = 2-1/2" 030 = 3" 040 = 4"	00 = None	00 = None	

Order Example: (SB9B6666TTTR00100000) The Part Number will contain 20 digits.



Manual Valves are supplied with lockable lever handles.

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