

# Series BZ9-X Ball Valve

Medical Gas Bronze Ball Valve, Full Port  
 Sizes 1/2" ~ 2"



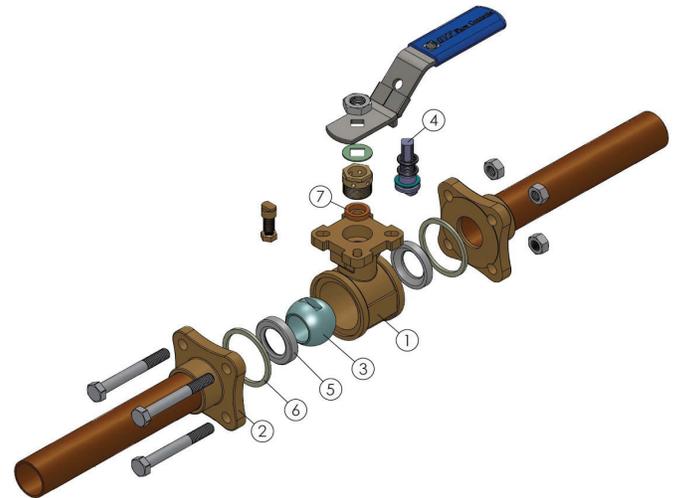
The SVF Series BZ9-X valves are three-piece, full port, oxygen cleaned bronze valves with extended copper-tube ends for medical gas service. The extended-tube ends are designed to be soldered into service without disassembly. The BZ9-X valve features a double stem seal design to provide superior performance in high cycle applications.

## SERIES BZ9-X DESIGN FEATURES

- ✓ Designed for Medical Gas service
- ✓ Pressure rated for 600 psi
- ✓ Adjustable Screw Gland
- ✓ Tested and inspected to API-598 standard
- ✓ Full Port flow path for maximum flow
- ✓ Built-In ISO 5211 direct mounting pad for easy automation
- ✓ Extended Type K Copper -Tube Ends
- ✓ Three-piece "swing out" design offers easy access for in-line maintenance
- ✓ Lockable in the "Open" or "Closed" position

## MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIALS SPECIFICATIONS
1	Body	Bronze C84400
2	End Connector	Bronze C84400 with Extended Copper Type K Tube
3	Ball	316 Stainless Steel
4	Stem	316 Stainless Steel
5	Seat	PTFE
6	Body Seal	PTFE
7	Stem Seal	PTFE



## SPECIFICATION STANDARDS OF COMPLIANCE

SVF Series V8 Ball Valves are available in designs that meet the following Industry Standards:

- ANSI
- ASTM
- ASME
- ISO

Contact SVF for specific applications

*What do you need today?*™



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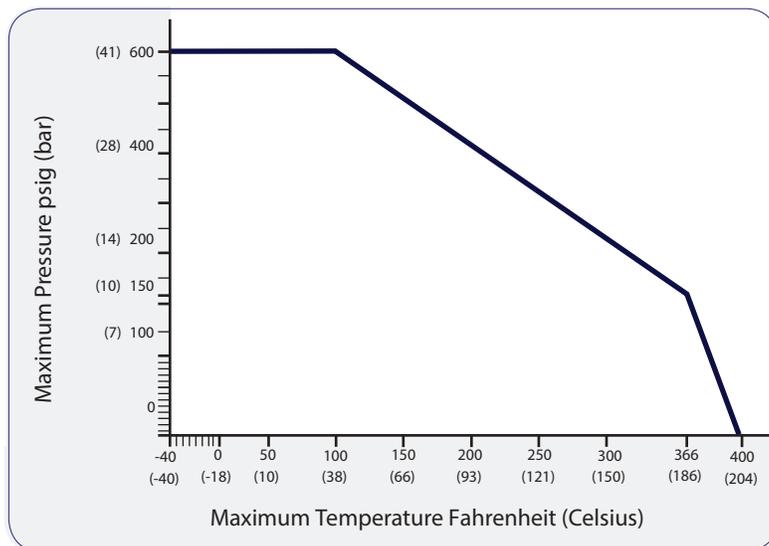


## DIMENSIONS, WEIGHT, C<sub>v</sub>, TORQUE

Size	A		B		D		L		Weight		C <sub>v</sub>	Torque* PTFE	
	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg		in-lbf	Nm
1/2"	14.60	371	0.59	15	4.37	111	2.72	69	1.69	0.76	23	31	4
3/4"	15.07	383	0.81	21	4.37	111	3.11	79	2.24	1.02	50	66	7
1"	15.62	397	0.98	25	5.00	127	3.39	86	3.08	1.40	57	113	13
1-1/2"	16.53	420	1.50	38	5.87	149	4.53	115	5.94	2.70	170	240	27
2"	17.71	450	1.97	50	5.87	149	4.96	126	8.91	4.05	340	260	29

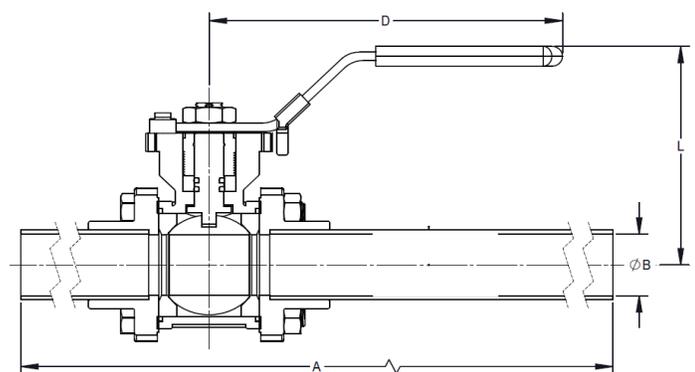
\* At full differential pressure for clean fluids

## BZ9 - PRESSURE/TEMPERATURE CHART



Class 300

Note: Maximum pressure & temperature is limited to the seat material rating



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How To Order Guide (Columns 1 thru 11)

1 SERIES	2 BODY	3 ENDS	4 BALL	5 STEM	6 SEAT MATERIAL
BZ90	2 = Bronze C84400	2 = Bronze C84400	6 = 316 Stainless Steel	6 = 316 Stainless Steel	T = PTFE

7 BODY SEAL	8 END CONNECTIONS	9 VALVE SIZE	10 OPTIONS	11 SPECIAL SERVICES
T = PTFE	ETE = Extended Copper Tube Ends	005 = 1/2" 007 = 3/4" 010 = 1" 015 = 1-1/2" 020 = 2"	00 = None	XC = Oxygen Cleaned

Order Example: (BZ902266TTETE00500XC) The Part Number will contain 20 digits.

Ordering Code Sequence >>

Sample Part Number >>

