

B04

3-Piece Manual Ball Valve

Stainless Steel, 3-piece manual ball valve for industrial applications.



Sizes Available

1/4" to 4"



Pressure Rating

• 1000 WOG (1/4" to 4")



Temperature Rating

350°F (180°C) max



Design & Construction

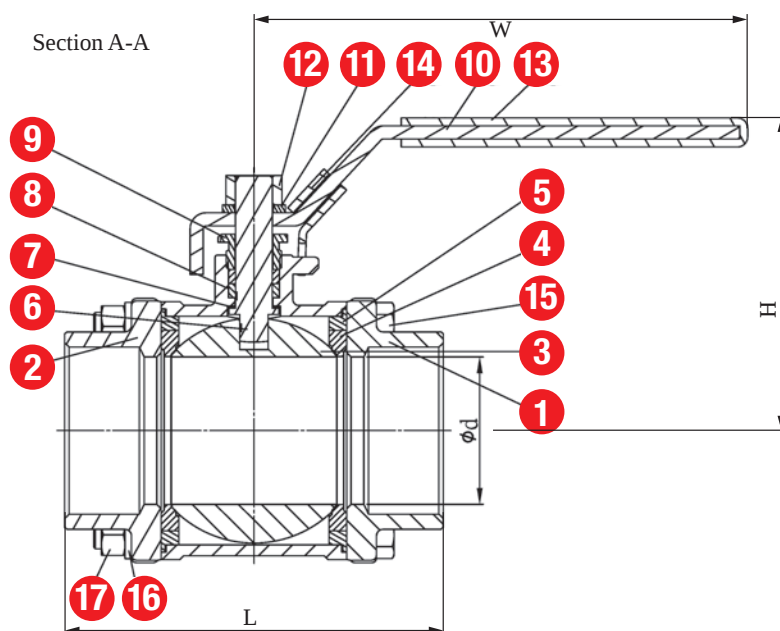
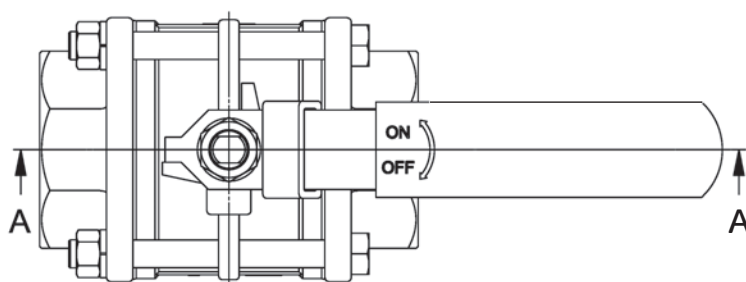
- 316SS (CF8M) body (Optional: CF3M end caps)
- 316SS ball
- RTFE seats
- PTFE packing
- Threaded (NPT) or socket weld connection
- Locking handle
- Full port



Standards & Approvals

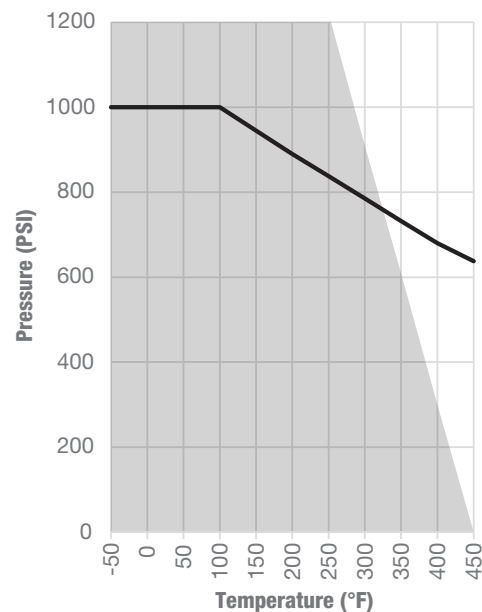
Design: API 608
Testing: API 598
Quality: ISO 9001:2015
Registration: CRN

Valve Type	Size	Model	Body Material	End Material	Ball Material	Stem Material	Seat Material	Seal Material	End Connection
B	10	B04	6	6	6	6	R	R	SE
Ball	02 1/4"		4 WCB	4 WCB	316SS	316SS	RTFE	PTFE	SE NPT
	03 3/8"		6 CF8M	6 CF8M					SN NPT x SW
	05 1/2"			C CF3M					SW Socket Weld
	07 3/4"								
	10 1"								
	12 1-1/4"								
	15 1-1/2"								
	20 2"								
	25 2-1/2"								
	30 3"								
	40 4"								



Dimensions				
NPS	ød	L	H	W
	in	in	in	in
1/4"	0.46	2.13	2.17	3.66
3/8"	0.5	2.13	2.17	3.66
1/2"	0.59	2.43	2.2	3.66
3/4"	0.79	2.8	2.48	4.45
1"	0.98	3.3	3.03	5.43
1-1/4"	1.26	3.83	3.23	5.43
1-1/2"	1.5	4.36	3.62	6.42
2"	1.97	5.06	4.21	6.42
2-1/2"	2.56	6.75	5.59	8.58
3"	3.15	7.76	5.98	8.58
4"	3.94	9.92	6.89	12.83

Pressure Temperature Chart



RTFE (85% PTFE, 15% Glass Fiber)

1/4" to 4"

Material Specification		
#	Part	Material
1	Body	ASTM A351 CF8M
2	Ends*	ASTM A351 CF8M
3	Ball	316 SS
4	Ball Seat (2)	RTFE
5	Joint Gasket	RTFE
6	Stem	316 SS
7	Thrust Washer	PTFE
8	Stem Packing	PTFE
9	Gland Nut	304 SS
10	Handle	304 SS
11	Stem Washer	304 SS
12	Stem Nut	304 SS
13	Handle Sleeve	Vinyl
14	Lock Device	304 SS
15	Bolt	304 SS
16	Spring Washer	304 SS
17	Hex Nut	304 SS

*ASTM A351 CF3M ends available on request