



Alloy Valves and Control

BALL VALVES 200 SERIES



Size:

1/4" - 3" Full Port
2000 WOG

End Connections:

NPT

Valve Materials

316 Stainless Steel

Ball and Stem Materials:

316 Stainless Steel

Service Applications:

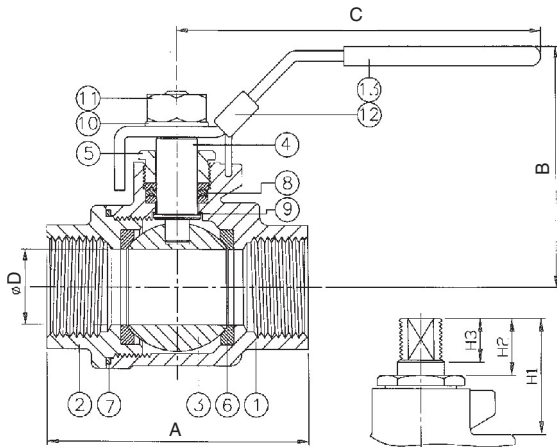
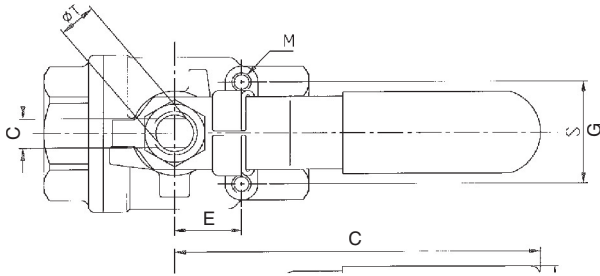
Hydraulic	Chemical
Steam	Oil/Gas
Oxygen	Food Processing
Vacuum	Dry/Liquid Chlorine
Thermal Fluids	

Seat Materials:

Reinforced Teflon

Features

The thread ends conform to ASME B1.20.1(NPT)
 Investment Casting
 Blow-out proof stem
 Full bore 2000/1000 W.O.G.
 RTFE Seats
 PTFE Seal & Packing
 Latch Lock Handle
 Mounting Pad Tapped



Parts	Material	
1	Body	ASTM A351-CF8M
2	Cap	ASTM A351-CF8M
3	Ball	ASTM A351-CF8M
4	Stem	ASTM A276-316
5	Gland Nut	AISI 304
6	Ball Seat	RTFE
7	Body Seal	PTFE
8	Packing	PTFE
9	Thrust Washer	PTFE
10	Spring Washer	AISI 304
11	Nut	AISI 304
12	Handle	AISI 304
13	Handle Sleeve	PVC

SIZE	A	B	C	D	E	F	G	H ₁	H ₂	H ₃	M	ØT	TORQUE IN/LB	WEIGHT/LB	CV
1/4	2.36	1.97	3.94	0.46	0.55	0.20	1.10	0.98	0.45	0.41	M5	0.31	36	0.57	10
3/8	2.36	1.97	3.94	0.50	0.55	0.20	1.10	0.98	0.45	0.41	M5	0.31	36	0.62	10
1/2	2.56	1.97	3.94	0.59	0.55	0.20	1.10	0.98	0.43	0.41	M5	0.31	39	0.66	12
3/4	3.07	2.36	4.92	0.79	0.87	0.26	1.38	1.24	0.63	0.53	M5	0.37	52	1.21	35
1	3.54	2.76	6.30	0.98	0.87	0.31	1.38	1.50	0.71	0.61	M5	0.43	65	1.85	60
1-1/4	3.94	3.15	6.30	1.26	0.94	0.31	1.50	1.46	0.71	0.61	M6	0.43	78	2.78	100
1-1/2	4.72	3.54	7.48	1.50	0.94	0.35	1.50	1.67	0.77	0.69	M6	0.49	117	4.41	150
2	5.43	3.54	7.48	1.97	0.94	0.35	1.50	1.73	0.81	0.69	M6	0.49	143	6.90	250
2-1/2	6.54	5.71	9.84	2.56	1.38	0.47	2.17	2.30	1.22	1.20	M6	0.72	390	13.20	400
3	7.68	5.71	9.84	3.15	1.38	0.47	2.17	2.30	1.20	1.20	M6	0.72	412	22.30	600

HOW TO ORDER

1"	2	3	3	R	T	SE
Size	Series	Body & End Material	Ball & Stem	Seat	Seal	End
1/4"-3"	200 Series 2 Piece Full Port	3-316SS	3-316SS	R-RTFE	T-Teflon	SE-FNPT

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