

BALL VALVES

Type 504S, 1/4"-2"



3-way (L-port & T-port) ball valve, threaded ends ISO5211 direct mounting pad

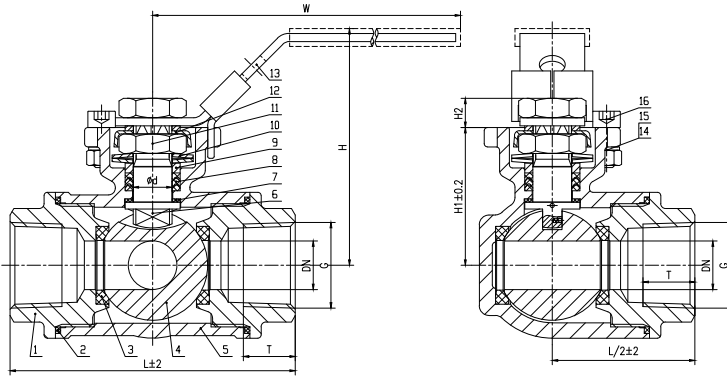


Feature and Specifications

- Design and manufacture : ASME B16.34
- Inspection and Test : API 598
- Thread end : NPT, *BSPT, BSPF, DIN2999

*Stock Item

PORT TYPE	1	2	3	4
L				
T				



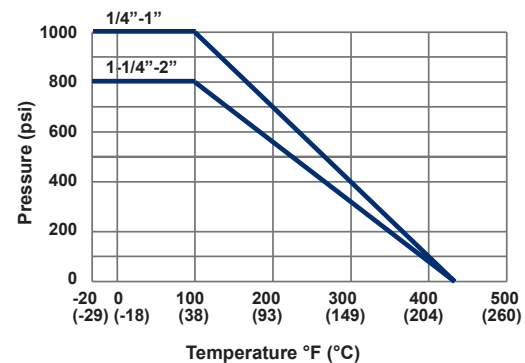
Size	DN	Torque(N.M)				
		5 bar	10 bar	20 bar	40 bar	63 bar
1/2"	15	5	5	5	6	6
3/4"	20	6	6	6	7	8
1"	25	10	10	13	15	16
1-1/4"	32	13	15	17	19	24
1-1/2"	40	21	23	28	32	38
2"	50	30	34	38	42	45

• Torque must be applied 1.3 times for common application and 1.5 times for viscous fluid.

Standard Material Specifications

No.	Part Name	Materials
1	Bonnet	A351 CF8M
2	Gasket	TFM1600
3	Seat	TFM1600
4	T/L-Ball	SS316
5	Body	A351 CF8M
6	Stem	SS316
7	Stem Washer	TFM1600
8	V-Ring Packing	TFM1600
9	Gland	SS304
10	Belleville Washer	SS301
11	Nut	SS304
12	Stop lock cap	SS304
13	Handle	SS304
14	Washer	SS304
15	Nut	SS304
16	Stop bolt	SS304

PRESSURE TEMPERATURE RATINGS



Dimensions (mm)

Size	DN	DN	L	G	d	H	H1	H2	W	ISO 5211
1/4"	DN8	11	69	1/4"	12	73.5	43	9	120	F03/F04
3/8"	DN10	12	69	3/8"	12	73.5	43	9	120	F03/F04
1/2"	DN15	12	75	1/2"	12	73.5	43	9	120	F03/F04
3/4"	DN20	15	86	3/4"	12	74	45	9	120	F03/F04
1"	DN25	20	101	1"	14	92.5	56	11	140	F04/F05
1-1/4"	DN32	25	115	1-1/4"	14	98	62	11	140	F04/F05
1-1/2"	DN40	32	125	1-1/2"	18	107	74	14	190	F05/F07
2"	DN50	38	149	2"	18	111	78	14	220	F05/F07