Brass Ball Valves 2 ways
Size ¼” – 4” (DN 10 - 100)



Serie 2000
FULL BORE
Threaded according:
ASME B1.20.1 (NPT)

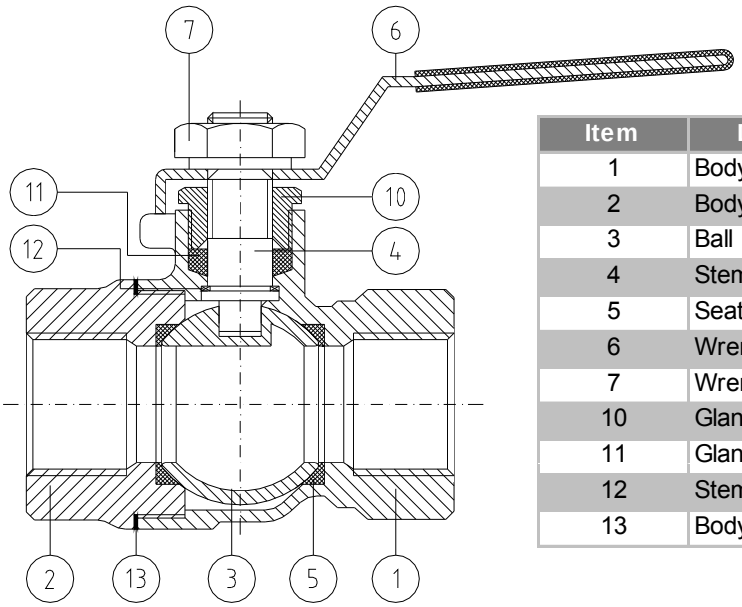
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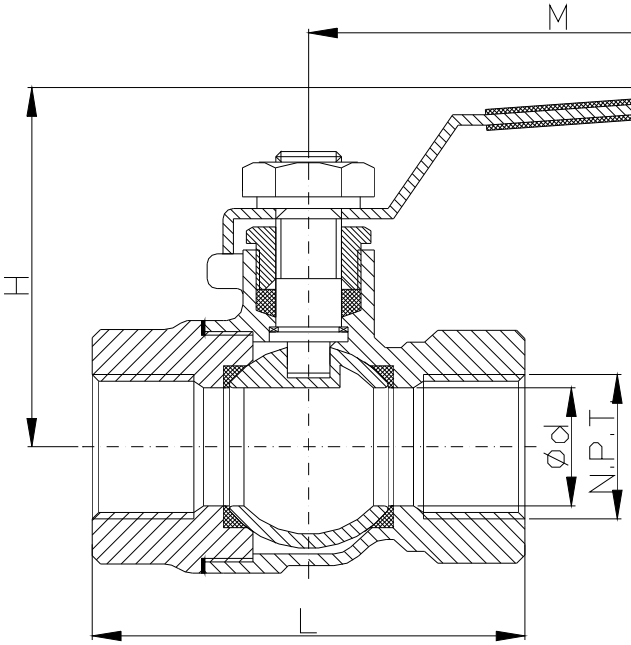
Brass Ball Valves 2 ways
Parts and materials, Dimensions

Parts and materials



Item	Description	Material
1	Body	BRASS 58
2	Body connector	BRASS 58
3	Ball	Cr-Ni PLATED BRASS 58
4	Stem	PLATED BRASS 58
5	Seat ring	PTFE
6	Wrench	Fe 50 DACROMET
7	Wrench Nut	NICKEL PLATED BRASS 58
10	Gland	NICKEL PLATED BRASS 58
11	Gland packing	PTFE
12	Stem thrust seal	PTFE
13	Body connector seal	PTFE

Dimensions



SIZE	N.P.T.	Ød	L	M	H	WEIGHT
¼" (DN 10)	¼"	10	44	95	40,5	0,13
⅜" (DN 12)	⅜"	10	49	95	40,5	0,13
½" (DN 15)	½"	14	62	95	43	0,2
¾" (DN 20)	¾"	19	70	115	53	0,36
1" (DN 25)	1"	24	84	115	57	0,53
1¼" (DN 32)	1¼"	30	98	155	72,5	0,87
1½" (DN 40)	1½"	38	106	155	78,5	1,12
2" (DN 50)	2"	47	126	175	94	1,81
2½" (DN 65)	2½"	62	152	215	111,5	4
3" (DN 80)	3"	76	176	232	134	5,505
4" (DN 100)	4"	98	222	232	155	10,5

(*) Dimensions in mm and weight in kg.

Note:
Dimensions not subject to International Standards can vary in ±10%. ICP reserves the right to change those dimensions without notice, due to they do not affect integrity and performance of the valves.

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Brass Ball Valves 2 ways
Torque, Kv, P&T Rating

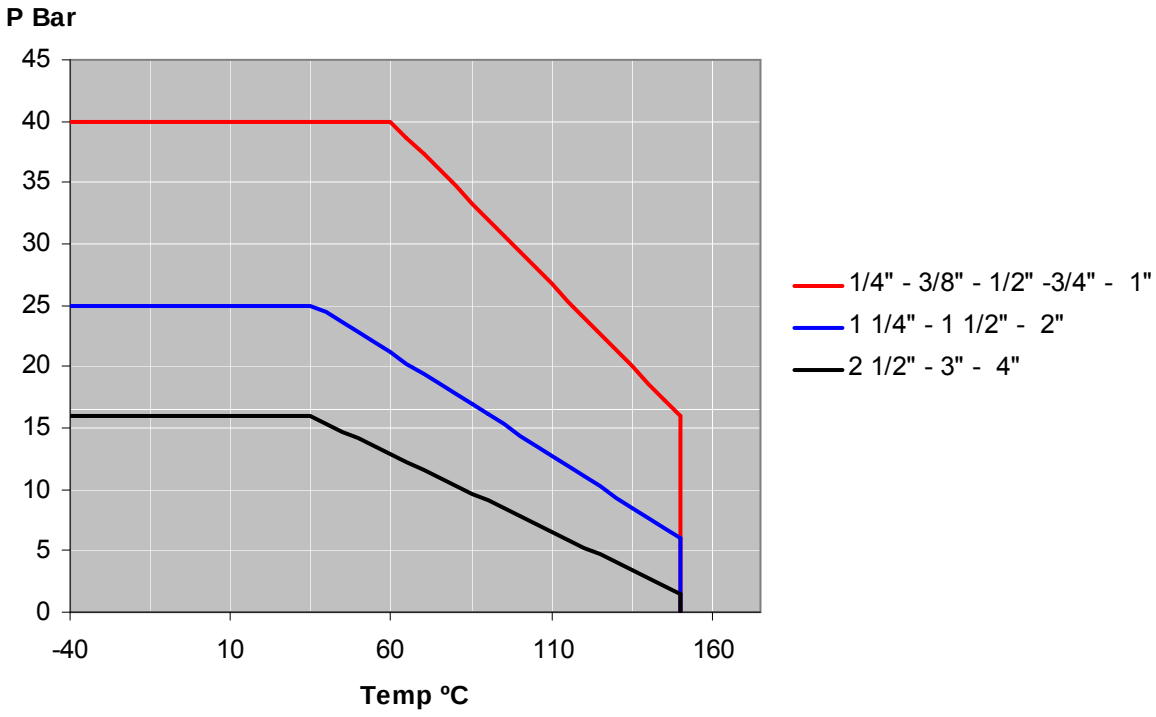
Torque Values in Nm

VALVE SIZE	AT DIFFERENTIAL PRESSURE	VALVE SIZE	AT DIFFERENTIAL PRESSURE
¼" (DN 10)	2 (40 bar)	1½" (DN 40)	20 (25 bar)
⅜" (DN 12)	2,7 (40 bar)	2" (DN 50)	33 (25 bar)
½" (DN 15)	5,4 (40 bar)	2½" (DN 65)	47,4 (16 bar)
¾" (DN 20)	8 (40 bar)	3" (DN 80)	80 (16 bar)
1" (DN 25)	10 (40 bar)	4" (DN 100)	105 (16 bar)
1¼" (DN 32)	14 (25 bar)		

Kv Values in m^3/h

VALVE SIZE	Kv	VALVE SIZE	Kv
¼" (DN 10)	5,2	1½" (DN 40)	133,3
⅜" (DN 12)	5,6	2" (DN 50)	173,2
½" (DN 15)	15,6	2½" (DN 65)	334,2
¾" (DN 20)	25,1	3" (DN 80)	519,5
1" (DN 25)	44,2	4" (DN 100)	831,2
1¼" (DN 32)	66,7		

Pressure-Temperature



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