Brass Ball Valves 2 ways
Size ¼” – 3” (DN 10 - 80)



Serie 2000
FULL BORE
Threaded according:
DIN 259/2999 (GAS)

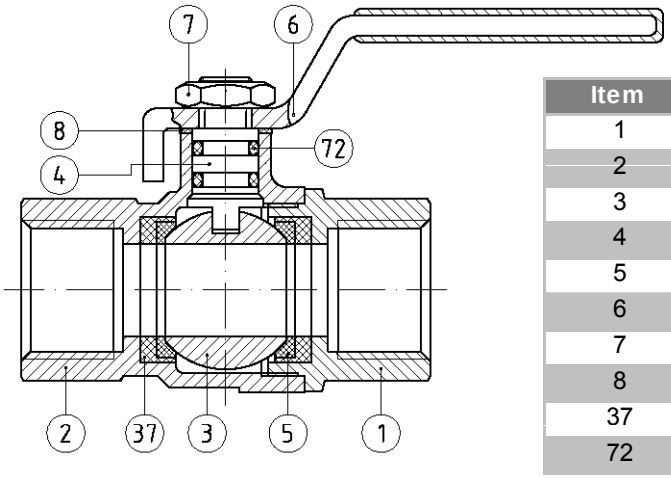
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Authorized Distributor

Data given can be changed without notice

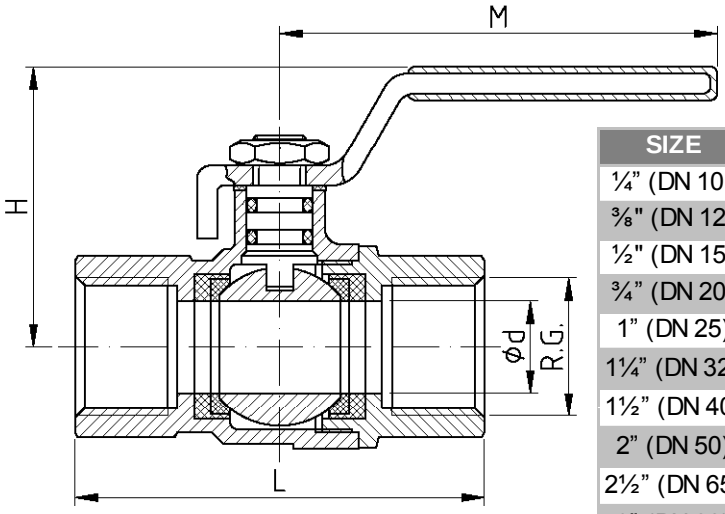
Brass Ball Valves 2 ways
Parts and materials, Dimensions

Parts and materials



Item	Description	Material
1	Body Connector	NICKEL PLATED BRASS 58
2	Body	NICKEL PLATED BRASS 58
3	Ball	Cr-Ni PLATED BRASS 58
4	Stem	PLATED BRASS 58
5	Seat ring	PTFE
6	Wrench	Fe 50 DACROMET
7	Gland Nut	NICKEL PLATED BRASS 58
8	Seal Ring	PTFE
37	Seal Cover	NBR
72	"O" Ring	NBR

Dimensions



SIZE	R.G.	Ød	L	M	H	WEIGHT
¼" (DN 10)	¼"	9,8	51,5	85	43	0,12
⅜" (DN 12)	⅜"	9,8	51,5	85	43	0,13
½" (DN 15)	½"	14	62	95	46,3	0,2
¾" (DN 20)	¾"	19	70	95	50	0,36
1" (DN 25)	1"	24	84	110	58	0,53
1¼" (DN 32)	1¼"	31	98	110	70	0,87
1½" (DN 40)	1½"	38	106	140	78	1,1
2" (DN 50)	2"	49	126	160	94	1,8
2½" (DN 65)	2½"	64	149	210	122	4
3" (DN 80)	3"	74	173,4	210	130	5,5

(*) 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)	1¼" (DN 32)	14 (25 bar)
⅜" (DN 12)	2,7 (40 bar)	1½" (DN 40)	20 (25 bar)
½" (DN 15)	5,4 (40 bar)	2" (DN 50)	33 (25 bar)
¾" (DN 20)	8 (40 bar)	2½" (DN 65)	47,4 (16 bar)
1" (DN 25)	10 (40 bar)	3" (DN 80)	80 (16 bar)

Kv Values in m^3/h

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

Pressure-Temperature

