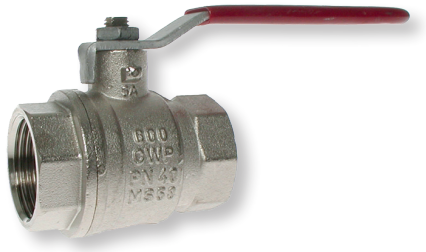
BALL VALVE
FIG. 90

APPLICATIONS:

Two piece ball valve with floating ball
For gas compressed air, fuel, water, oil, low pressure steam
Non-ejectable stem
Body in brass CW617N
Ball in brass CW617N
Hollow ball (1 1/4" ~ 2"), full bore hollow ball (2 1/2" ~ 4")
Seats in PTFE
Max. working pressure: 40 bar (1/4" - 2"), 30 bar (2 1/2" - 4")
Temperature range: -40°C ~ 170°C
Connection: BSP threaded ISO 228
Certified 2014/68/UE Module A
Also available as male/female threaded (90MF)





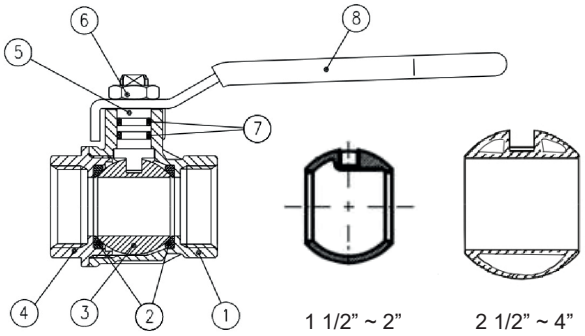
90LDB



90V

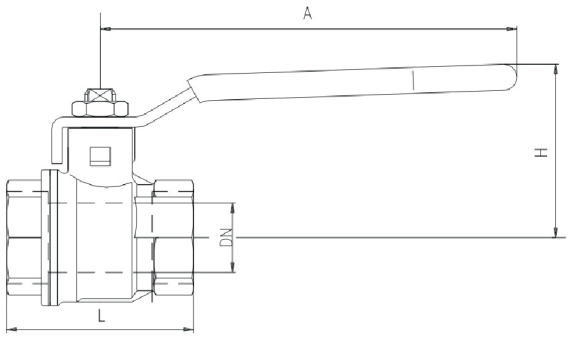
MATERIALS:

N°	Description	Materials
1	Body	Brass MS 58, nickel plated (CW617N)
2	Seats	PTFE
3	Ball	Brass MS 58, chrome plated (CW617N)
4	End cap	Brass MS 58, nickel plated (CW617N)
5	Stem	Brass MS 58, nickel plated (CW617N)
6	Nut	CB4FF
7	O-ring	FPM
8	Handle	Steel with red sleeve (Geomet®)

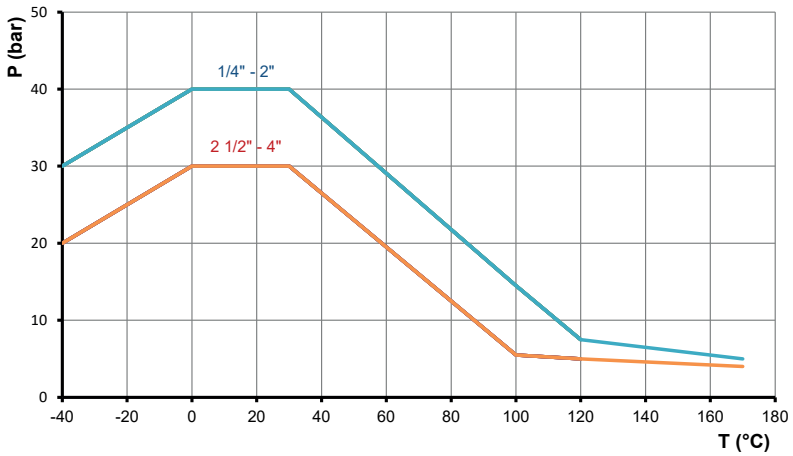


DIMENSIONS: (mm)

Ø	DN	L	A	H	PN	Kg
1/4"	8	39	82	38	40	0,13
3/8"	10	39	82	38	40	0,12
1/2"	15	50	100	43	40	0,2
3/4"	20	54	120	50	40	0,32
1"	25	67	120	54	40	0,49
11/4"	32	77	158	73	40	0,75
11/2"	40	90	158	79	40	1,03
2"	50	106	158	86	40	1,57
21/2"	65	136	255	132	30	4,38
3"	80	157	255	140	30	5,8
4"	100	191	255	154	30	9,4



PRESSURE-TEMPERATURE CHART:



Kv-VALUES:

Ø	Kv value
1/4"	3,9
3/8"	8,2
1/2"	28,0
3/4"	42,0
1"	70,0
11/4"	80,0
11/2"	125,0
2"	179,0
2 1/2"	516,0
3"	776,0
4"	1.130,0

Subject to changes