



BALL VALVES

099 Full flow ball valve, male/male thread

Suitable for domestic water services, heating, air-conditioning plants and compressed air systems.



099

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	40bar/580psi	0990012	25/75
3/4" (DN 20)	40bar/580psi	0990034	15/75
1" (DN 25)	40bar/580psi	0990100	10/50
1"1/4 (DN 32)	30bar/435psi	0990114	5/25
1"1/2 (DN 40)	30bar/435psi	0990112	3/15
2" (DN 50)	30bar/435psi	0990200	2/10



099F

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	40bar/580psi	0990012F	25/125
3/4" (DN 20)	40bar/580psi	0990034F	20/100
1" (DN 25)	40bar/580psi	0990100F	10/50

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

Male/male threads.

Lever handle in aluminium or T handle in aluminium.

Body in nickel-plated brass.

Minimum and maximum working temperatures: -10°C, 95°C in absence of steam.

Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

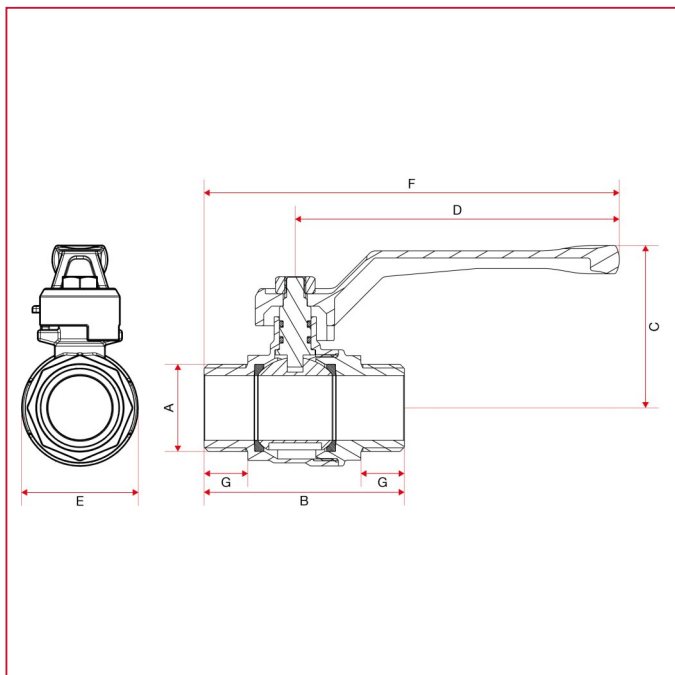
Available with T handle in aluminium in the sizes 1/2" through 1".

Mention "F" in the code to order the T handle.



BALL VALVES

OVERALL DIMENSIONS art.099

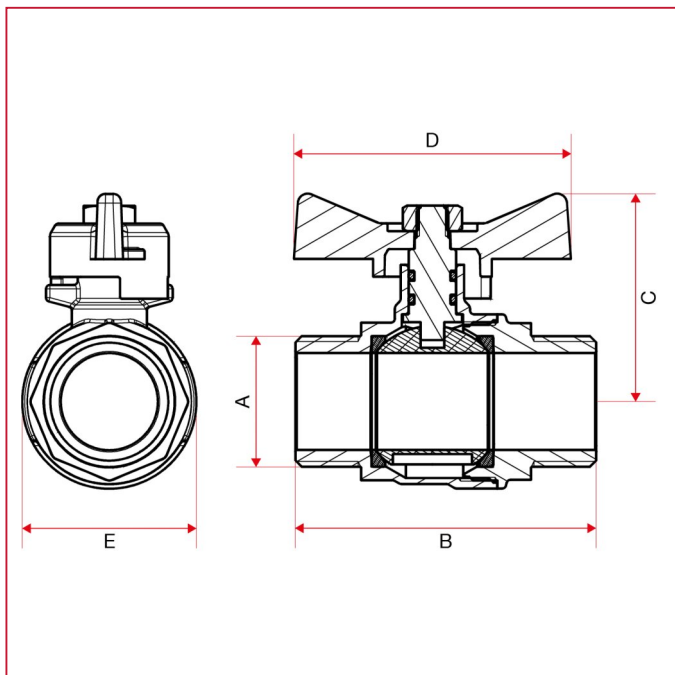


	1/2"	3/4"	1"	1"1/4	1"1/2	2"
DN	15	20	25	32	40	50
A	1/2"	3/4"	1"	1"1/4	1"1/2	2"
B	62	65	76	87	103	113
C	45	48	62	66	83	91
D	95	95	123	123	150	150
E	29,5	37	44	56	68	87
F	121	124	157	163	197	205
G	11,5	13	16,5	16	18	20
Kg/cm2 bar	40	40	40	30	30	30
LBS - psi	580	580	580	435	435	435



BALL VALVES

OVERALL DIMENSIONS art.099F



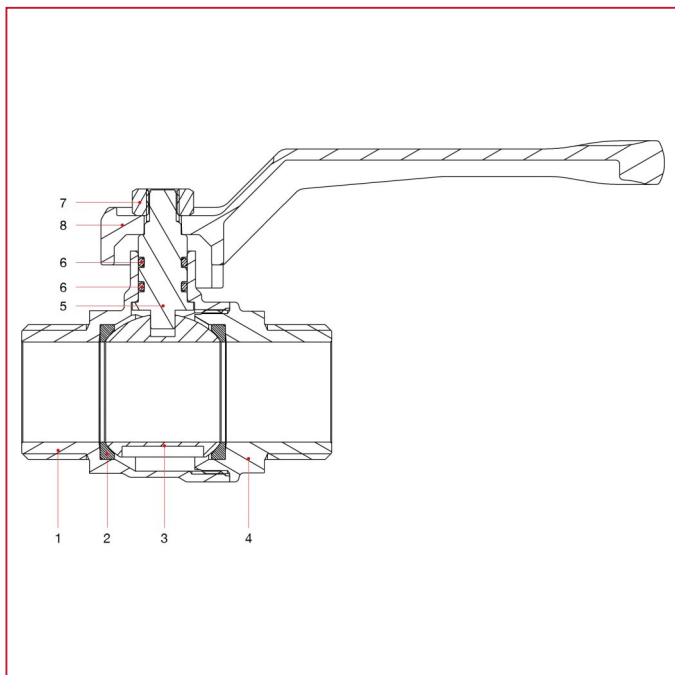
099F

	1/2"	3/4"	1"
DN	15	20	25
A	1/2"	3/4"	1"
B	62	65	76
C	40	43	52
D	54	54	70
E	29,5	37	44
Kg/cm ² bar	40	40	40
LBS - psi	580	580	580



BALL VALVES

MATERIALS art.099

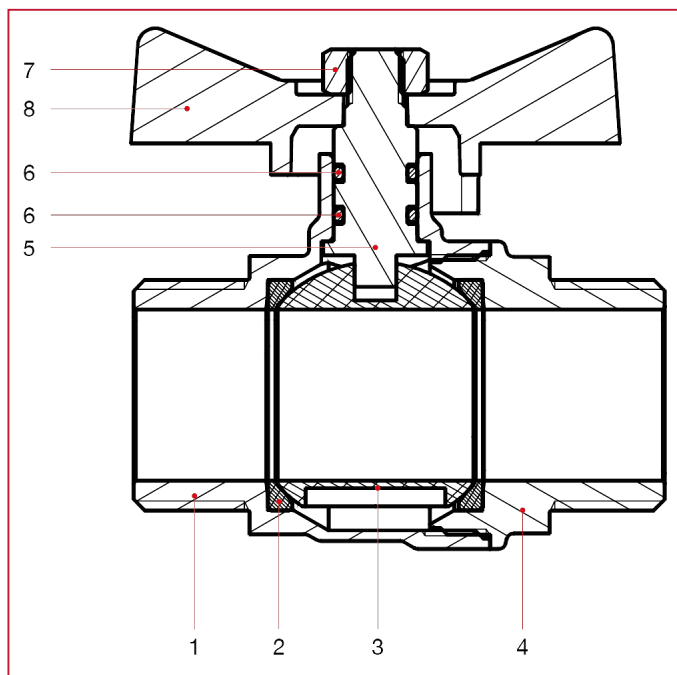


POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Nickel-plated brass CW617N
2	Seat	2	P.T.F.E.
3	Ball	1	Chrome-plated brass CW617N
4	Male end adapter	1	Nickel-plated brass CW617N
5	Stem	1	Brass CW617N
6	O-ring	2	NBR
7	Nut	1	Zinc-plated iron
8	Lever handle	1	Varnished aluminium



BALL VALVES

MATERIALS art.099F



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Nickel-plated brass CW617N
2	Seat	2	P.T.F.E.
3	Ball	1	Chrome-plated brass CW617N
4	Male end adapter	1	Nickel-plated brass CW617N
5	Stem	1	Brass CW617N
6	O-ring	2	NBR
7	Nut	1	Zinc-plated iron
8	T handle	1	Varnished aluminium



BALL VALVES

LOSS DIAGRAM (With water)

099

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
KV	10,05	24,56	51,21	68,65	98,83	177,04

099F

	1/2"	3/4"	1"
KV	10,05	24,56	51,21

