380

Full Port Bronze Ball Valve

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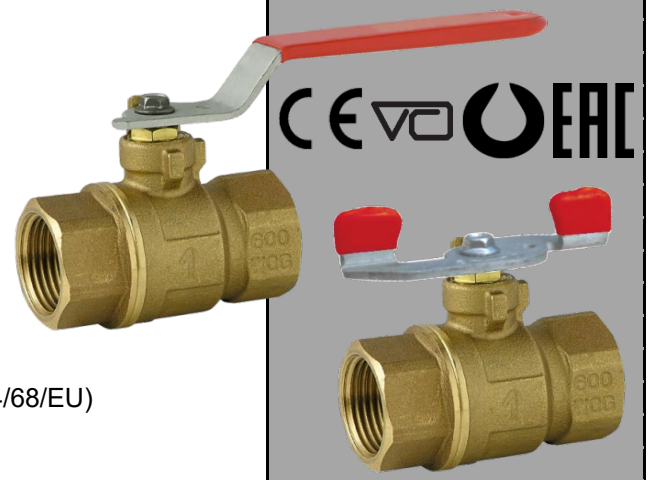
Full port bronze ball valve
Threaded F/F (ISO 228/1)
(available on request with ASME B1.20.1 NPT threads)
Design according to MSS-SP110
Air testing according to EN12266-1
Blow-out proof stem, adjustable packing
With handle or butterfly (up to DN≤50)
VA and TR CU 010 compliant
Optional GDV compliant version available



PN40 for DN≤50 (max 40bar up to 95°C, max 10bar at 185°C)
PN25 for DN≥65 (max 25bar up to 95°C, max 10bar at 185°C)
Free of CE marking for DN≤32 (cat. according to Art. 4.3 Dir. 2014/68/EU)

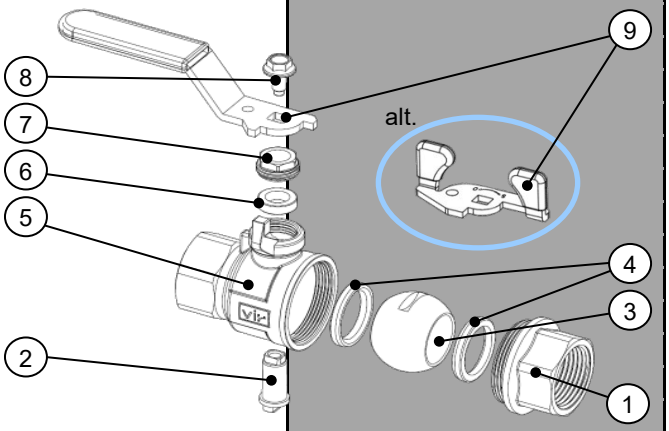
Working conditions

- Suitable for: water, -10°C to +185°C;
  below 0°C only for water with added antifreeze fluids
- Suitable for: air, -10°C to +185°C
- Not suitable for: gases and liquids group 1 (Dir. 2014/68/EU)

PARTLIST

N.	Part	Material	Norm
1	Fixed End	Bronze	EN1982 CC491K
2	Stem	Brass	EN12164 CW617N
3	Ball	Chromium pl. brass[1]	EN12165 CW617N
4	Seat	PTFE	-
5	Body	Bronze	EN1982 CC491K
6	Packing ring	PTFE	-
7	Packing nut	Brass	EN12164 CW617N
8	Screw	Geomet steel	EN10025 Fe42
9	Handle	Geomet steel[2]	EN10025 Fe P11
$9_{alt.}$	Butterfly	Geomet steel[2]	EN10025 Fe P11

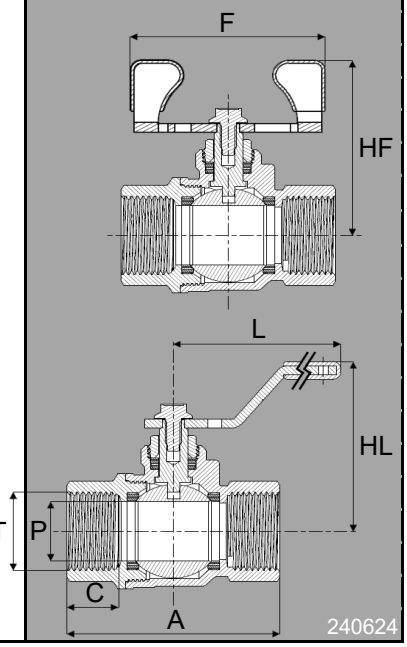
[1]PTFE coated ball for GDV version
[2]With red PVC cover



DIMENSIONS

DN	T	A [mm]	C [mm]	P [mm]	HL [mm]	L [mm]	HF [mm]	F [mm]	K_v [m^3/h]	Weight [g]
010	⅜"	46	12,5	10	39	81,0	45	52	5,8	139 / 132[1]
015	½"	57	15,5	15	54	91,5	54	62	15,7	259 / 246[1]
020	¾"	67	16,5	20	58	91,5	58	62	30,8	364 / 351[1]
025	1"	77	19,5	25	65	126,5	69	83	49,3	597 / 573[1]
032	1¼"	91	21,5	32	71	126,5	75	83	79,0	926 / 902[1]
040	1½"	103	21,5	40	83	141,5	93	110	125,3	1414 / 1386[1]
050	2"	122	25,0	50	91	141,5	101	110	224,2	2102 / 2074[1]
065	2½"	153	30,0	65	119	281,3	-	-	330,2	4366
080	3"	179	34,0	80	131	281,3	-	-	419,4	6200

[1]Weight for lever handle version / weight for butterfly handle version



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