

EV1020 Lever Ball Valve

For isolation of heating, cooling, and potable systems

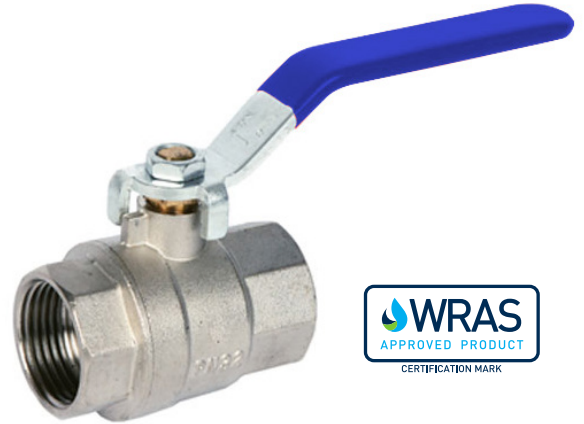


Overview

The full-bore Lever Ball Valve is used to provide isolation in heating, cooling, and potable water systems.

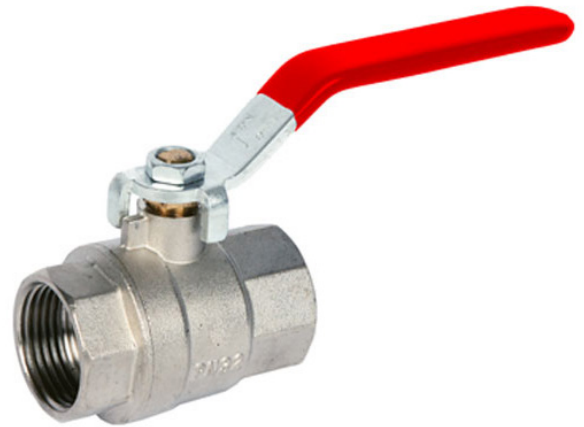
Features and Benefits

- Full bore for maximum flow rate with lower pressure drops
- PN40 pressure rated
- Heavy pattern and nickel plated for quality, with blue handle fitted as standard and red handle supplied lose if needed
- Regulation 4 compliant with WRAS approval for use in potable water systems



Technical Specification

Specification	
Medium	Heating/cooling, and potable water systems
Maximum working pressure	PN40
Working temperature range	-20 – 120°C
Installation	Vertical or horizontal
Threads	Female BSP
Handle	Lever type, blue fitted and red supplied lose
Threads	ISO 228 parallel Fx F
Handle	T-Handle ½" to 1", Lever-Handle 1½" to 2"
Approvals	Water Regulations Approval Scheme (WRAS) Certificate No. 2209067



Product Codes

Product Code	Size	Weight (kg)
EV1020-015	1/2"	0.21
EV1020-020	3/4"	0.32
EV1020-025	1"	0.48
EV1020-032	1 1/4"	0.73
EV1020-040	1 1/2"	0.98
EV1020-050	2"	1.59

Technical Details

Lever Ball Valve

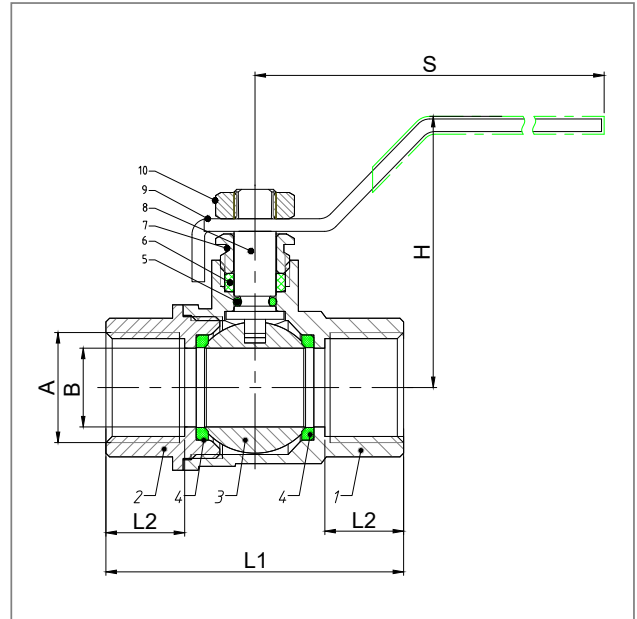


Dimensions

Dimensions						
Size	½"	¾"	1"	1 ¼"	1 ½"	2"
A	G½"	G¾"	G1"	G1 ¼"	G1 ½"	G2"
B	14.5	19	24.5	31.5	40	49
L1	56.7	67	77	88	99.3	121
L2	15	18	19.5	20	21	26.5
H	52	54.5	62	81	90	96
S	88	100	125	140	140	165

Materials

Description	Material	Grade
1 Body	Nickel plated brass	CW617N
2 Bonnet	Nickel plated brass	CW617N
3 Ball	Chrome plated brass	CW617N
4 Ball seat	Plastic	PTFE
5 O-Ring	Rubber	EPDM
6 Packing	Plastic	PTFE
7 Locking nut	Brass	HPB59-T
8 Stem	Brass	HPB59-T
9 Handle	Plastic coated steel	PVC + Q235
10 Nut	Stainless steel	201#



Pressure Drops

Pressure Drops						
Size	½"	¾"	1"	1 ¼"	1 ½"	2"
Kv (m³/h)	3.22	5.58	5.97	10.12	17.14	32.30

