Flow Control

Bronze Ball Valve with Redox Coated Ball

A range of reliable Bronze Ball Valves with Redox coated ball that enable water to be shut off from fixtures and appliances quickly and easily.

Overview

Reliance Valves Bronze Ball Valves with Redox coated ball are used in water applications to allow fixtures, appliances or areas of a building to be isolated without the need for draining the whole system.

In order to be more environmentally and water quality friendly, the valves are supplied without cosmetic chrome or nickel plating on the body.

Features & Benefits

- Redox coated ball ensures a smoother operation and prevents buildup of debris within the valve
- Bronze ball valve for increased strength and durability, suitable for installations in corrosive environments
- Full bore for reduced resistance to flow
- Available as lever operated, butterfly handle, lockshield and lockable lever versions
- FBSP (ISO 7-1) version for use with threaded pipe. Can be used with other piping systems (threaded adapters to be provided by the piping system manufacturer)

Product Code	Model	Size	Connection
BVAL106001	Lever Operated	DN15	FBSP
BVAL106002	Lever Operated	DN20	FBSP
BVAL106003	Lever Operated	DN25	FBSP
BVAL106004	Lever Operated	DN32	FBSP
BVAL106005	Lever Operated	DN40	FBSP
BVAL106006	Lever Operated	DN50	FBSP
BVAL106020	Butterfly Handle	DN15	FBSP
BVAL106021	Butterfly Handle	DN20	FBSP
BVAL106022	Butterfly Handle	DN25	FBSP
BVAL106030	Lockable Lever	DN15	FBSP
BVAL106031	Lockable Lever	DN20	FBSP
BVAL106032	Lockable Lever	DN25	FBSP
BVAL106033	Lockable Lever	DN32	FBSP
BVAL106034	Lockable Lever	DN40	FBSP
BVAL106035	Lockable Lever	DN50	FBSP
BVAL103030	Lockshield	DN15	FBSP
BVAL103031	Lockshield	DN20	FBSP
BVAL103032	Lockshield	DN25	FBSP
BVAL103033	Lockshield	DN32	FBSP
BVAL103034	Lockshield	DN40	FBSP
BVAL103035	Lockshield	DN50	FBSP

2 YEAR WARRANTY

WRAS APPROVED PRODUCT

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Working parameters

Maximum pressure / temperature: 40 bar / 185°C
(max 40 bar up to 95°C/ 10 bar up to 185°C)

Application

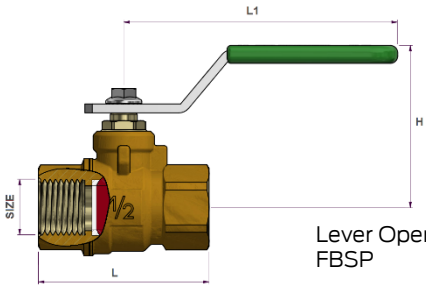
Heating
Chilled water
Domestic hot and cold water
Not suitable for gas

Materials

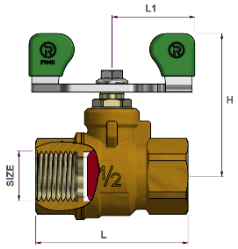
Body:	Bronze
Ball:	Redox coated brass
Stem:	Brass
Seat:	PTFE
Seal:	Nitrile and FKM
Lever:	Steel
Butterfly:	Aluminum
Lockshield:	DZR Brass

Standards & Approvals

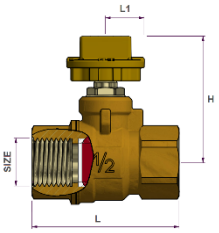
WRAS Approved
Exempt from CE marking



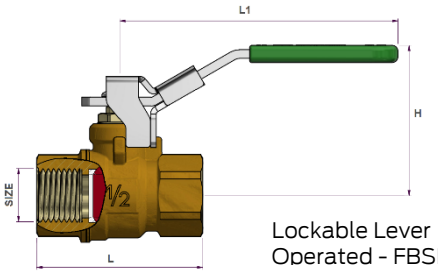
Lever Operated - FBSP



Butterfly Handle - FBSP



Lockshield - FBSP



Lockable Lever Operated - FBSP

Product Code	Model	Size	L	L1	H	Connection	Kv	Weight (g)
BVAL106001	Lever Operated	DN15	57	91.5	54	FBSP	15.7	246
BVAL106002	Lever Operated	DN20	67	91.5	58	FBSP	30.8	351
BVAL106003	Lever Operated	DN25	77	126.5	65	FBSP	49.3	573
BVAL106004	Lever Operated	DN32	91	126.5	71	FBSP	79	902
BVAL106005	Lever Operated	DN40	103	141.5	83	FBSP	125.3	1386
BVAL106006	Lever Operated	DN50	122	141.5	91	FBSP	224.2	2074
BVAL106020	Butterfly Handle	DN15	57	31	54	FBSP	15.7	259
BVAL106021	Butterfly Handle	DN20	67	31	58	FBSP	30.8	364
BVAL106022	Butterfly Handle	DN25	77	42	59	FBSP	49.3	597
BVAL106030	Lockable Lever	DN15	57	95.7	52	FBSP	15.7	250
BVAL106031	Lockable Lever	DN20	67	95.7	56	FBSP	30.8	355
BVAL106032	Lockable Lever	DN25	77	131.7	69	FBSP	49.3	580
BVAL106033	Lockable Lever	DN32	91	131.7	75	FBSP	79	909
BVAL106034	Lockable Lever	DN40	103	143.8	90	FBSP	125.3	1397
BVAL106035	Lockable Lever	DN50	122	143.8	98	FBSP	224.2	2085
BVAL103030	Lockshield	DN15	57	15	49	FBSP	15.7	246
BVAL103031	Lockshield	DN20	67	15	52	FBSP	30.8	351
BVAL103032	Lockshield	DN25	77	15	62	FBSP	49.3	573
BVAL103033	Lockshield	DN32	91	15	67	FBSP	79	902
BVAL103034	Lockshield	DN40	103	18.5	81	FBSP	125.3	1386
BVAL103035	Lockshield	DN50	122	18.5	89	FBSP	224.2	2074

All dimensions in mm unless otherwise stated
Kv is the headloss across the complete valve in the fully open position