

DZR Brass Ball Valves

A range of reliable DZR Brass Ball Valves that enable water to be shut off from fixtures and appliances quickly and easily.

Overview

Reliance Valves DZR Brass Ball Valves 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

- DZR brass ball valve for increased strength and durability, suitable for installations in corrosive environments
- Full Bore for reduced resistance to flow
- Available as lever operated, extended lever and butterfly handle versions
- Available in FBSP or compression ended versions
- Self colour DZR brass body to limit nickel leaching and minimise water contamination
- Compression ended version compatible with copper and plastic pipe (pipe inserts must be used with plastic pipe)
- 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
BVAL101030	Lever Operated	DN15	FBSP
BVAL101031	Lever Operated	DN20	FBSP
BVAL101032	Lever Operated	DN25	FBSP
BVAL101033	Lever Operated	DN32	FBSP
BVAL101034	Lever Operated	DN40	FBSP
BVAL101035	Lever Operated	DN50	FBSP
BVAL101044	Extended Lever	DN15	FBSP
BVAL101045	Extended Lever	DN20	FBSP
BVAL101046	Extended Lever	DN25	FBSP
BVAL101047	Extended Lever	DN32	FBSP
BVAL101048	Extended Lever	DN40	FBSP
BVAL101049	Extended Lever	DN50	FBSP
BVAL101040	Butterfly Handle	DN15	FBSP
BVAL101041	Butterfly Handle	DN20	FBSP
BVAL101042	Butterfly Handle	DN25	FBSP
BVAL101043	Butterfly Handle	DN32	FBSP
BVAL101001	Lever Operated	15mm	Compression
BVAL101002	Lever Operated	22mm	Compression
BVAL101003	Lever Operated	28mm	Compression
BVAL101004	Lever Operated	35mm	Compression
BVAL101005	Lever Operated	42mm	Compression
BVAL101006	Lever Operated	54mm	Compression
BVAL101020	Butterfly Handle	15mm	Compression
BVAL101021	Butterfly Handle	22mm	Compression
BVAL101022	Butterfly Handle	28mm	Compression



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Working parameters

Maximum pressure / temperature: 25 bar / 110°C
 Compression ended 32 bar / 130°C
 FBSP ended 32 bar / 130°C
 (32 bar up to 85°C/10 bar at 130°C)

Application

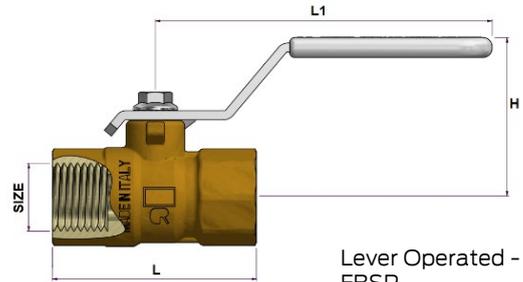
Heating
 Chilled water
 Domestic hot and cold water
 Not suitable for gas

Materials

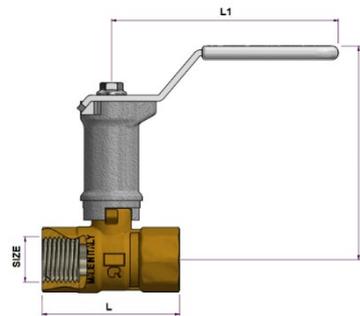
Body: DZR brass
 Ball: Chrome plated brass
 Stem: Brass
 Seat: PTFE
 Seal: Nitrile and FKM
 Lever: Steel
 Extension: Aluminum and brass
 Butterfly: Aluminum

Standards & Approvals

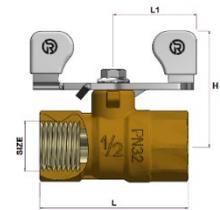
WRAS Approved
 Exempt from CE marking



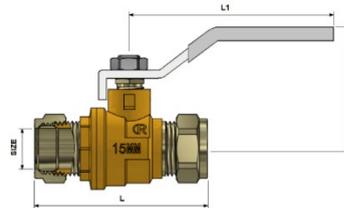
Lever Operated - FBSP



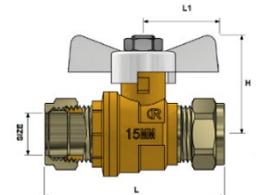
Extended Lever - FBSP



Butterfly Handle - FBSP



Lever Operated - Compression



Butterfly Handle - Compression

Product Code	Model	Size	L	L1	H	Connection	Kv	Weight (g)
BVAL101030	Lever Operated	DN15	55.5	91.5	44	FBSP	15.7	185
BVAL101031	Lever Operated	DN20	62	91.5	47	FBSP	30.8	265
BVAL101032	Lever Operated	DN25	76	126.5	53	FBSP	49.3	484
BVAL101033	Lever Operated	DN32	89	126.5	57	FBSP	79	624
BVAL101034	Lever Operated	DN40	94	141.5	69	FBSP	125.3	1160
BVAL101035	Lever Operated	DN50	116	141.5	78	FBSP	224.2	1730
BVAL101044	Extended Lever	DN15	55.5	91.5	87	FBSP	15.7	240
BVAL101045	Extended Lever	DN20	62	91.5	91	FBSP	30.8	318
BVAL101046	Extended Lever	DN25	76	126.5	108	FBSP	49.3	557
BVAL101047	Extended Lever	DN32	89	126.5	112	FBSP	79	700
BVAL101048	Extended Lever	DN40	94	141.5	126	FBSP	125.3	1262
BVAL101049	Extended Lever	DN50	116	141.5	131	FBSP	224.2	1832
BVAL101040	Butterfly Handle	DN15	55.5	31	43	FBSP	15.7	172
BVAL101041	Butterfly Handle	DN20	62	31	47	FBSP	30.8	250
BVAL101042	Butterfly Handle	DN25	76	41	57	FBSP	49.3	464
BVAL101043	Butterfly Handle	DN32	89	41	60	FBSP	79	605
BVAL101001	Lever Operated	15mm	63	87	48	Compression	15.7	202
BVAL101002	Lever Operated	22mm	80	87	52.5	Compression	30.8	330
BVAL101003	Lever Operated	28mm	82.5	114	64	Compression	49.3	500
BVAL101004	Lever Operated	35mm	113	138	74	Compression	79	920
BVAL101005	Lever Operated	42mm	120	138	80.5	Compression	125.3	1210
BVAL101006	Lever Operated	54mm	136	169	89.5	Compression	224.2	2000
BVAL101020	Butterfly Handle	15mm	63	26.5	35	Compression	15.7	167
BVAL101021	Butterfly Handle	22mm	80	26.5	39.5	Compression	30.8	295
BVAL101022	Butterfly Handle	28mm	82.5	31.5	53	Compression	49.3	432

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