



JV090012
Bronze
2-Piece Ball Valve
ISO 5211 Mount
c/w Operating Lever
Flanged
ANSI 150



The JV090012 two piece ball valve has a full bore construction that minimises headloss.

The materials make this valve particularly suitable for marine duties as well as many other applications including compressed air, gases, cold and hot water, fuel-oil and other neutral non aggressive liquids.

The quarter turn operation in conjunction with the PTFE seats provides fast positive isolation.

Approvals, Features & Benefits

- Face to face: ASME B16.10
- Cast in Lloyds approved foundry
- Class society survey can be arranged
- 3.1 & 3.2 certificates available on request
- ISO 5211 direct mounting pad
- Full bore

Pressure & Temperature

Pressure range :-

- 16 Bar @ 100°C
- 10 Bar @ 140°C
- 7 Bar @ 180°C

Temperature range:-

0°C to 180°C

| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| L | 108 | 117 | 127 | 140 | 165 | 178 | 190 | 203 | 229 | 254 | 267 | 292 |
| D | 88.9 | 98.4 | 108 | 117.5 | 127 | 152.4 | 177.8 | 190.5 | 228.6 | 254 | 279.4 | 342.9 |
| ISO5211 | F03/F04 | F03/F04 | F04/F05 | F04/F05 | F05/F07 | F05/F07 | F07/F10 | F07/F10 | F07/F10 | F07/F10 | F10/F12 | |
| C | 9 | 9 | 11 | 11 | 14 | 14 | 17 | 17 | 17 | 17 | 22 | |
| Torque* | 12.5 | 18.8 | 18.8 | 31.3 | 37.5 | 62.5 | 81.3 | 87.5 | 112.5 | 125 | 162.5 | |
| Weight Kgs | 3.0 | 3.3 | 4.4 | 5.9 | 7.0 | 10.4 | 15.0 | 17.0 | 23.9 | 31.5 | 42.0 | |

* Torque calculated at zero pressure includes 25% safety, add 25% for dry duty.

MATERIALS

| | |
|-------|-----------------|
| Body | Bronze (LG2) |
| Ball | Stainless Steel |
| Stem | Stainless Steel |
| Seats | PTFE |
| Lever | Plated Steel |

Do you require class approved valves? Contact sales for availability.

