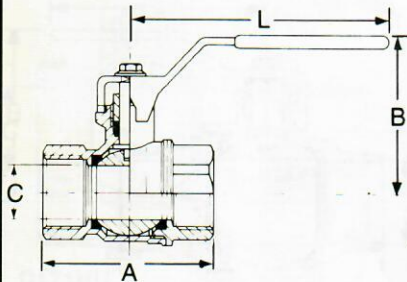


CRANE

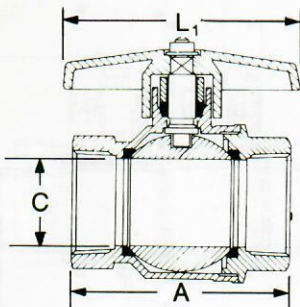
PN25

D191

Tested and certified by
British Gas



D191



D191T

Copper Alloy Ball Valves

Threaded BS 21 (ISO 7) or ANSI B1.20.1

**END ENTRY • QUARTER-TURN • LEVER OR T-HANDLE
OPERATION • TIGHT SHUT-OFF**

PRESSURE/TEMPERATURE RATINGS

| | | | | | | | | | | |
|------------------|------------|------|------|------|------|------|------|------|------|------|
| Temperature (°C) | -10 to 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 186 |
| Pressure (bar) | 25.0 | 23.4 | 21.8 | 20.0 | 18.3 | 16.5 | 14.7 | 12.8 | 11.3 | 10.5 |

TESTING

Each valve is individually tested for seat and shell tightness.

SPECIFICATION

- D191** Sizes ¼ to 4 (8 to 100mm) - Lever operated
Threaded BS 21 (ISO 7) Taper
- D191T** Sizes ¼ to 2 (8 to 50mm) - T-handle operated
Threaded BS 21 (ISO 7) Taper
- D191AT** Sizes ¼ to 4 (8 to 100mm) - Lever operated
Threaded ANSI B1.20.1
- P40** T-handle only
- P41** Lever only

PARTS AND MATERIALS

| Part | Material |
|---------------------|-------------------------|
| Body | Brass (nickel plated) |
| Seat retainer | Brass (nickel plated) |
| Seat | PTFE |
| Ball | Brass (chromium plated) |
| Stem | Brass |
| Gland | Brass |
| Packing | PTFE |
| Lever | Steel (plastic coated) |
| Lever retaining nut | Steel |

DIMENSIONS, WEIGHTS AND FLOW COEFFICIENTS

| Size | A | B | C | L | L ₁ | Weight | K _v |
|-------|-----|-----|-----|-----|----------------|--------|----------------|
| in mm | mm | mm | mm | mm | mm | kg | |
| ¼ 8 | 48 | 37 | 10 | 80 | 39 | 0.15 | 9 |
| ⅜ 10 | 48 | 37 | 10 | 80 | 39 | 0.14 | 11 |
| ½ 15 | 56 | 39 | 13 | 80 | 39 | 0.19 | 20 |
| ¾ 20 | 67 | 57 | 20 | 90 | 55 | 0.34 | 47 |
| 1 25 | 77 | 65 | 25 | 125 | 82 | 0.58 | 77 |
| 1¼ 32 | 92 | 71 | 32 | 125 | 82 | 0.84 | 141 |
| 1½ 40 | 103 | 79 | 40 | 140 | 110 | 1.32 | 198 |
| 2 50 | 122 | 87 | 50 | 140 | 110 | 2.03 | 338 |
| 2½ 65 | 153 | 112 | 65 | 200 | - | 4.10 | 593 |
| 3 80 | 179 | 123 | 80 | 280 | - | 6.09 | 826 |
| 4 100 | 212 | 142 | 100 | 280 | - | 10.43 | 1449 |