

## GAS BALL VALVE, FULL FLOW



| Code     | Packing | Dimension     | Pmax         |
|----------|---------|---------------|--------------|
| BV008-FF | 12/192  | 1/4" (DN 8)   | 5bar/72,5psi |
| BV010-FF | 12/192  | 3/8" (DN 10)  | 5bar/72,5psi |
| BV015-FF | 10/100  | 1/2" (DN 15)  | 5bar/72,5psi |
| BV020-FF | 8/64    | 3/4" (DN 20)  | 5bar/72,5psi |
| BV025-FF | 6/48    | 1" (DN 25)    | 5bar/72,5psi |
| BV032-FF | 4/32    | 1"1/4 (DN 32) | 5bar/72,5psi |
| BV040-FF | 2/16    | 1"1/2 (DN 40) | 5bar/72,5psi |
| BV050-FF | 2/14    | 2" (DN 50)    | 5bar/72,5psi |

## TECHNICAL FEATURES

**Filtering** Female threads. Lever handle in steel.

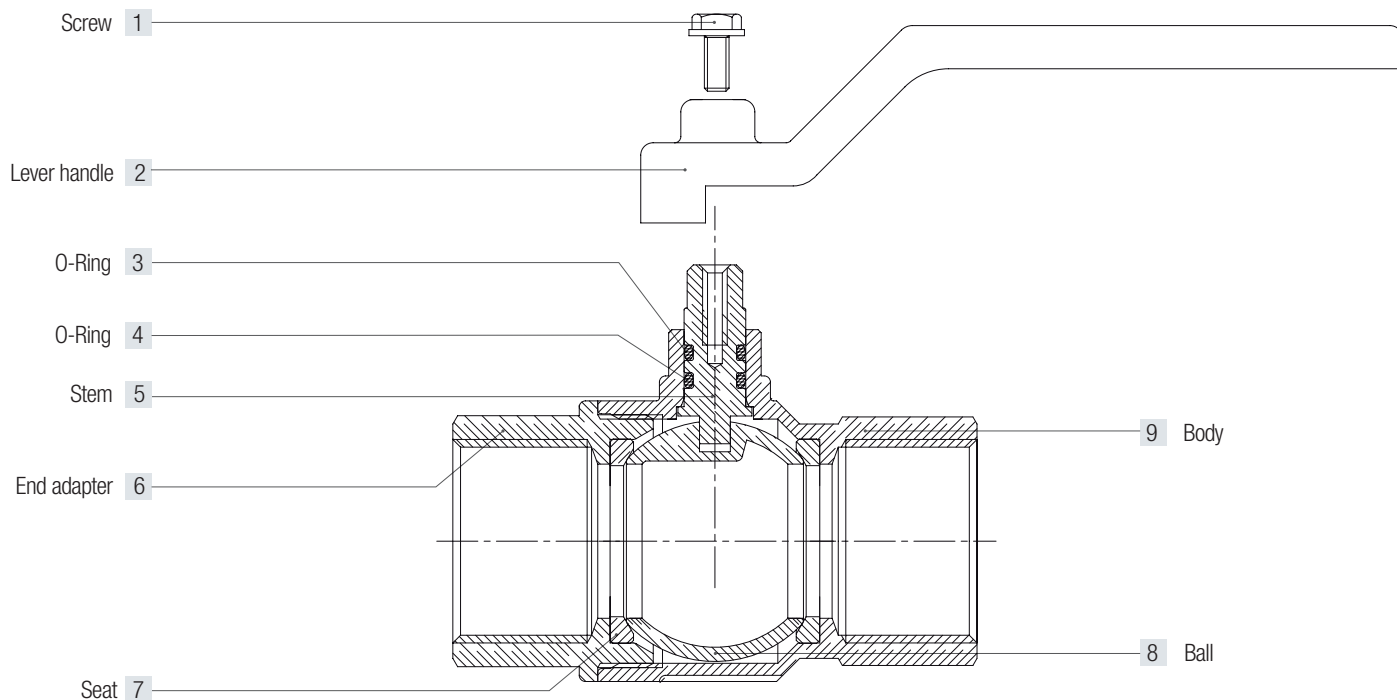
**Inlet - Outlet Connection** Female thread ISO 7/1 Rp parallel (equivalent to DIN EN 10226-1 and BS EN 10226-1)

**Working Temperature** - 20° C, + 60° C.

**Approval** EN 331

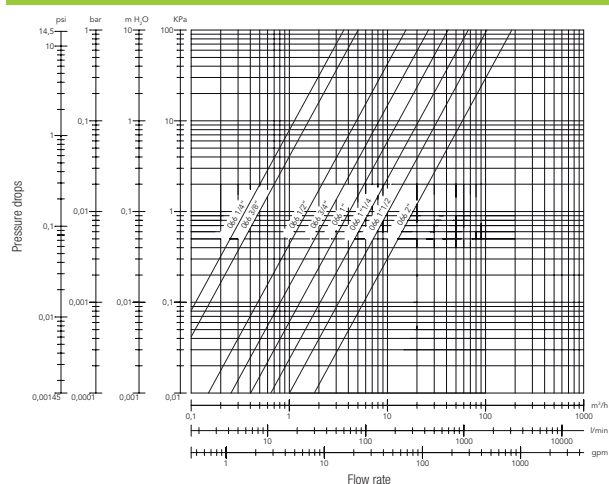
**Materials:**

**Complete Body** Body in nickel-plated brass.



| POS. | DESCRIPTION  | N | MATERIAL                                |
|------|--------------|---|-----------------------------------------|
| 1    | Screw        | 1 | Zinc-plated steel Fe CB4                |
| 2    | Lever handle | 1 | Zinc-plated and varnished steel Fe.P.04 |
| 3    | O-Ring       | 1 | VITON®                                  |
| 4    | O-Ring       | 1 | NBR                                     |
| 5    | Stem         | 1 | Brass CW614N                            |
| 6    | End adapter  | 1 | Nickel-plated brass CW617N              |
| 7    | Seat         | 1 | P.T.F.E.                                |
| 8    | Ball         | 1 | Chrome-plated brass CW617N              |
| 9    | Body         | 1 | Nickel-plated brass CW617N              |

LOSS DIAGRAM – with water



| DIMENSIONS (mm) and WEIGHT (kgs) |    |      |      |      |       |    |      |    |                        |         |
|----------------------------------|----|------|------|------|-------|----|------|----|------------------------|---------|
| Dimension                        | DN | A    | B    | C    | D     | E  | F    | CH | Kg/cm <sup>2</sup> bar | LBS-psi |
| 1/4"                             | 8  | 49,5 | 23,5 | 37,3 | 80    | 10 | 11   | 18 | 5                      | 72,5    |
| 3/8"                             | 10 | 52,4 | 24   | 37,3 | 80    | 10 | 11,4 | 21 | 5                      | 72,5    |
| 1/2"                             | 15 | 61   | 30,5 | 48,8 | 88,5  | 15 | 15   | 25 | 5                      | 72,5    |
| 3/4"                             | 20 | 68   | 37   | 54,8 | 113   | 20 | 16,3 | 31 | 5                      | 72,5    |
| 1"                               | 25 | 85   | 45,5 | 56,8 | 113   | 25 | 19,1 | 38 | 5                      | 72,5    |
| 1 1/4"                           | 32 | 99,5 | 58   | 75   | 138   | 32 | 21,4 | 47 | 5                      | 72,5    |
| 1 1/2"                           | 40 | 109  | 71   | 90,3 | 157,8 | 40 | 21,4 | 54 | 5                      | 72,5    |
| 2"                               | 50 | 130  | 85   | 97,3 | 157,8 | 50 | 25,7 | 66 | 5                      | 72,5    |

