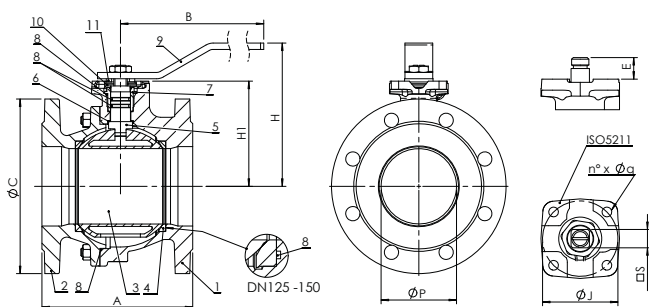


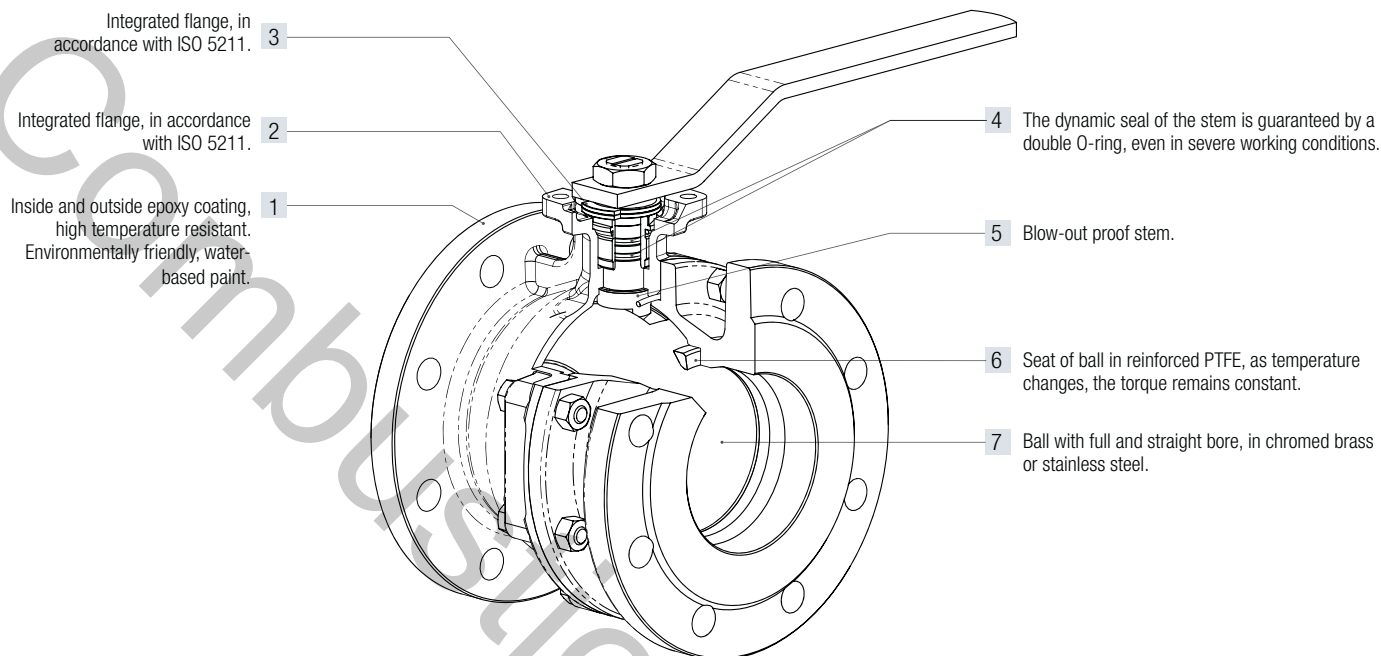
## FLANGED CAST IRON GAS BALL VALVE



| Code           | Dimension | Pmax |
|----------------|-----------|------|
| <b>BVD15D</b>  | DN15      | PN16 |
| <b>BVD20D</b>  | DN20      | PN16 |
| <b>BVD25D</b>  | DN25      | PN16 |
| <b>BVD32D</b>  | DN32      | PN16 |
| <b>BVD40D</b>  | DN40      | PN16 |
| <b>BVD50D</b>  | DN50      | PN16 |
| <b>BVD65D</b>  | DN65      | PN16 |
| <b>BVD80D</b>  | DN80      | PN16 |
| <b>BVD100D</b> | DN100     | PN16 |
| <b>BVD125D</b> | DN125     | PN16 |
| <b>BVD150D</b> | DN150     | PN16 |
| <b>BVD200D</b> | DN200     | PN10 |



| POS.      | DESCRIPTION    | MATERIAL                                                          |
|-----------|----------------|-------------------------------------------------------------------|
| <b>1</b>  | Body           | EN GJS 400-15 / EN GJL250*, epoxy coated                          |
| <b>2</b>  | Flange         | EN GJS 400-15 / EN GJL250*, epoxy coated                          |
| <b>3</b>  | Ball           | Brass CuZn40Pb2 chrome plated / AISI 304 / AISI 316 / EN GJL250** |
| <b>4</b>  | Ball seat      | Reinforced PTFE                                                   |
| <b>5</b>  | Stem           | Brass CuZn40Pb2 / AISI 304 / AISI 316                             |
| <b>6</b>  | Sliding washer | PTFE                                                              |
| <b>7</b>  | Ring           | Brass CuZn40Pb2 / AISI 304 / AISI 316                             |
| <b>8</b>  | O-Ring         | NBR /FKM (Viton®)                                                 |
| <b>9</b>  | Lever          | Carbon steel, epoxy coated                                        |
| <b>10</b> | Stop plate     | Galvanized carbon steel                                           |
| <b>11</b> | Spring washer  | Galvanized carbon steel                                           |



| DIMENSIONS (mm) |                              |      |      |      |      |      |      |      |      |       |      |       |      |
|-----------------|------------------------------|------|------|------|------|------|------|------|------|-------|------|-------|------|
| DN              |                              | 15   | 20   | 25   | 32   | 40   | 50   | 65   | 80   | 100   | 125  | 150   | 200  |
| P               |                              | 15   | 20   | 25   | 32   | 40   | 50   | 63   | 76   | 95    | 120  | 145   | 190  |
| A               | EN 558/1-14 (ex DIN 3202 F4) | 115  | 120  | 125  | 130  | 140  | 150  | 170  | 180  | 190   | 200  | 210   | -    |
| H               |                              | 84   | 84   | 96   | 101  | 125  | 135  | 143  | 165  | 180   | 225  | 243   | 320  |
| H1              |                              | 50,5 | 52   | 59   | 64   | 78,5 | 87   | 95   | 118  | 132,5 | 165  | 182,5 | 230  |
| B               |                              | 160  | 160  | 170  | 170  | 230  | 230  | 230  | 280  | 360   | 450  | 560   | 1000 |
| C               | EN1092/2 PN 16               | 95   | 105  | 115  | 140  | 150  | 165  | 185  | 200  | 220   | 250  | 285   | 340  |
| ISO5211         |                              | F04  | F04  | F04  | F04  | F05  | F05  | F05  | F07  | F07   | F10  | F10   | F12  |
| J               |                              | 42   | 42   | 42   | 42   | 50   | 50   | 50   | 70   | 70    | 102  | 102   | 125  |
| n°x Ø q         |                              | 4x6  | 4x6  | 4x6  | 4x6  | 4x7  | 4x7  | 4x7  | 4x9  | 4x9   | 4x11 | 4x11  | 4x13 |
| E               |                              | 11,5 | 11,5 | 14,5 | 14,5 | 17,5 | 17,5 | 17,5 | 20   | 20    | 24,5 | 24,5  | 27   |
| S               |                              | □ 9  | □ 9  | □ 11 | □ 11 | □ 14 | □ 14 | □ 14 | □ 17 | □ 17  | □ 22 | □ 22  | □ 27 |

| WEIGHT (Kg) |  |     |     |     |     |     |   |      |      |      |    |      |    |
|-------------|--|-----|-----|-----|-----|-----|---|------|------|------|----|------|----|
|             |  | 2,6 | 3,3 | 4,2 | 5,8 | 7,5 | 9 | 10,5 | 15,5 | 18,5 | 28 | 38,5 | 93 |

| OPERATING TORQUE (Nm) |  |    |    |    |    |    |    |    |    |     |     |     |     |
|-----------------------|--|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
|                       |  | 15 | 15 | 18 | 18 | 18 | 20 | 40 | 70 | 100 | 180 | 250 | 600 |