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## BALL VALVE FOR GAS

Flanged Model PN16

### Product informations

Flanged ball valve PN16, with body in spheroidal cast iron and floating ball manufactured in accordance with the relevant product standards and the *EN ISO 9001* quality management system.

### Product features

- suitable for in line and end of line applications and for services requiring frequent activation
- Integrated mounting according to ISO 5211 allows easy mounting of a wide range of servo controls
- full and straight passage that minimizes turbulence and load losses
- internal and external painting with epoxy coating, resistant to high temperatures (water-based paint, with low ecological impact)
- equipped with a double o-ring on the stem and the metal bushing which guarantee dynamic sealing even in the most demanding conditions
- ball seat in loaded PTFE, the operating torque remains constant as the temperature varies
- full bore and cylindrical ball, in chromed brass
- *not suitable for vapour*

| VALVE STRUCTURE FROM DN25 TO DN150 |                  |                      |
|------------------------------------|------------------|----------------------|
| 1                                  | <b>BODY</b>      | SPHEROIDAL CAST IRON |
| 2                                  | <b>FLANGE</b>    | SPHEROIDAL CAST IRON |
| 3                                  | <b>BALL</b>      | BRASS                |
| 4                                  | <b>BALL SEAT</b> | PTFE + CARBON        |



## Ball Valve for Gas

|    |                           |                             |
|----|---------------------------|-----------------------------|
| 5  | <i>BEAM</i>               | CHROME PLATED BRASS         |
| 6  | <i>ANTI-FRICTION RING</i> | PTFE                        |
| 7  | <i>FERRULE</i>            | CHROME PLATED BRASS         |
| 8  | <i>O-RING</i>             | NBR                         |
| 9  | <i>LEVER</i>              | CARBON STEEL, EPOXY PAINTED |
| 10 | <i>STOP PLATE</i>         | GALVANIZED CARBON STEEL     |
| 11 | <i>ELASTIC RING</i>       | GALVANIZED CARBON STEEL     |

| <i>DN200 VALVE STRUCTURE</i> |                           |                             |
|------------------------------|---------------------------|-----------------------------|
| 1                            | <i>BODY</i>               | SPHEROIDAL CAST IRON        |
| 2                            | <i>FLANGE</i>             | SPHEROIDAL CAST IRON        |
| 3                            | <i>BALL</i>               | BRASS                       |
| 4                            | <i>BALL SEAT</i>          | PTFE + CARBON               |
| 5                            | <i>BEAM</i>               | CHROME PLATED BRASS         |
| 6                            | <i>ANTI-FRICTION RING</i> | PTFE                        |
| 7                            | <i>FERRULE</i>            | CHROME PLATED BRASS         |
| 8                            | <i>O-RING</i>             | NBR                         |
| 9                            | <i>LEVER</i>              | CARBON STEEL, EPOXY PAINTED |
| 10                           | <i>STOP PLATE</i>         | GALVANIZED CARBON STEEL     |
| 11                           | <i>ELASTIC RING</i>       | GALVANIZED CARBON STEEL     |
| 12                           | <i>LEVER HUB</i>          | SPHEROIDAL CAST IRON        |
| 13                           | <i>LEVER STOP</i>         | GALVANIZED CARBON STEEL     |



## Technical Features

| SKU  | DN  | MAX PRESSURE | TEMPERATURE RANGE | OPERATING TORQUE | MATERIALS   | CERTIFICATION   |
|------|-----|--------------|-------------------|------------------|---|---|
| 3160 | 25  | 16 BAR       | - 10°C ÷ + 100°C  | 18 NM            | BODY: SPHEROIDAL CAST IRON<br>BALL: BRASS<br>BEAM: BRASS<br>O-RING: NBR | <ul style="list-style-type: none"> <li>• COMPLIANT WITH DIRECTIVE 2014/68/EU (EX 97/23/CE/PED)</li> <li>• COMPLIANT WITH EN 13774 RULE, DVGW APPROVAL FOR GAS N° N94313AM0052</li> <li>• COMPLIES WITH AS4617:18, TYPE 1, AGA APPROVAL FOR GAS N° 6633</li> <li>• COMPLIANT WITH THE D.M. 174 (DIRECTIVE 98/83/CE), FOR USE IN CONTACT WITH DRINKING WATER</li> </ul> |
| 3161 | 32  | 16 BAR       |                   | 18 NM            |   |   |
| 3162 | 40  | 16 BAR       |                   | 18 NM            |   |   |
| 3163 | 50  | 16 BAR       |                   | 20 NM            |   |   |
| 3164 | 65  | 16 BAR       |                   | 40 NM            |   |   |
| 3165 | 80  | 16 BAR       |                   | 70 NM            |   |   |
| 3166 | 100 | 16 BAR       |                   | 100 NM           |   |   |
| 3167 | 125 | 16 BAR       |                   | 180 NM           |   |   |
| 3168 | 150 | 16 BAR       |                   | 250 NM           |   |   |
| 3169 | 200 | 16 BAR       |                   | 600 NM           |   |   |

| SKU  | DN | ØP      | A      | H     | H1    | B      | ØC       | F     | N X Ø D | ØJ      | N° X Ø Q | E     | ØS      | WEIGHT |
|------|----|---------|--------|-------|-------|--------|----------|-------|---------|---------|----------|-------|---------|--------|
| 3160 | 25 | Ø 25 MM | 125 MM | 96 MM | 59 MM | 170 MM | Ø 115 MM | 85 MM | 4 X 14  | Ø 42 MM | 4 X 6    | 11 MM | Ø 11 MM | 4.2 KG |


**Ball Valve for Gas**

|      |     |                |           |           |             |            |                |           |               |                |          |            |               |         |
|------|-----|----------------|-----------|-----------|-------------|------------|----------------|-----------|---------------|----------------|----------|------------|---------------|---------|
| 3161 | 32  | Ø<br>32<br>MM  | 130<br>MM | 101<br>MM | 64<br>MM    | 170<br>MM  | Ø<br>140<br>MM | 100<br>MM | 4<br>X<br>18  | Ø<br>42<br>MM  | 4X<br>6  | 11<br>MM   | Ø<br>11<br>MM | 5.8 KG  |
| 3162 | 40  | Ø<br>40<br>MM  | 140<br>MM | 125<br>MM | 78.5<br>MM  | 230<br>MM  | Ø<br>150<br>MM | 110<br>MM | 4<br>X<br>18  | Ø<br>50<br>MM  | 4X<br>7  | 13.5<br>MM | Ø<br>14<br>MM | 7.5 KG  |
| 3163 | 50  | Ø<br>50<br>MM  | 150<br>MM | 135<br>MM | 87<br>MM    | 230<br>MM  | Ø<br>165<br>MM | 125<br>MM | 4<br>X<br>18  | Ø<br>50<br>MM  | 4X<br>7  | 13.5<br>MM | Ø<br>14<br>MM | 9 KG    |
| 3164 | 65  | Ø<br>63<br>MM  | 170<br>MM | 143<br>MM | 95<br>MM    | 230<br>MM  | Ø<br>185<br>MM | 145<br>MM | 4<br>X<br>18  | Ø<br>50<br>MM  | 4X<br>7  | 13.5<br>MM | Ø<br>14<br>MM | 10.5 KG |
| 3165 | 80  | Ø<br>76<br>MM  | 180<br>MM | 165<br>MM | 118<br>MM   | 280<br>MM  | Ø<br>200<br>MM | 160<br>MM | 8<br>X<br>18  | Ø<br>70<br>MM  | 4X<br>9  | 15<br>MM   | Ø<br>17<br>MM | 15.5 KG |
| 3166 | 100 | Ø<br>95<br>MM  | 190<br>MM | 180<br>MM | 132.5<br>MM | 360<br>MM  | Ø<br>220<br>MM | 180<br>MM | 8<br>X<br>18  | Ø<br>70<br>MM  | 4X<br>9  | 15<br>MM   | Ø<br>17<br>MM | 18.5 KG |
| 3167 | 125 | Ø<br>120<br>MM | 200<br>MM | 225<br>MM | 165<br>MM   | 520<br>MM  | Ø<br>250<br>MM | 210<br>MM | 8<br>X<br>18  | Ø<br>102<br>MM | 4X<br>11 | 21<br>MM   | Ø<br>22<br>MM | 28 KG   |
| 3168 | 150 | Ø<br>145<br>MM | 210<br>MM | 243<br>MM | 182.5<br>MM | 520<br>MM  | Ø<br>285<br>MM | 240<br>MM | 8<br>X<br>22  | Ø<br>102<br>MM | 4X<br>11 | 21<br>MM   | Ø<br>22<br>MM | 38.5 KG |
| 3169 | 200 | Ø<br>190<br>MM | -         | 320<br>MM | 230<br>MM   | 1000<br>MM | Ø<br>340<br>MM | 295<br>MM | 12<br>X<br>22 | Ø<br>125<br>MM | 4X<br>13 | 27<br>MM   | Ø<br>27<br>MM | -       |



**Ball Valve for Gas**

| SKU         | MODEL                           | PRICE                |
|-------------|---------------------------------|----------------------|
| 00000003160 | FLANGED BALL VALVE PN16 - DN25  | €210.95 VAT EXCLUDED |
| 00000003161 | FLANGED BALL VALVE PN16 - DN32  | €255.15 VAT EXCLUDED |
| 00000003162 | FLANGED BALL VALVE PN16 - DN40  | €264.6 VAT EXCLUDED  |
| 00000003163 | FLANGED BALL VALVE PN16 - DN50  | €292.95 VAT EXCLUDED |
| 00000003164 | FLANGED BALL VALVE PN16 - DN65  | €359.1 VAT EXCLUDED  |
| 00000003165 | FLANGED BALL VALVE PN16 - DN80  | €463.05 VAT EXCLUDED |
| 00000003166 | FLANGED BALL VALVE PN16 - DN100 | €614.25 VAT EXCLUDED |
| 00000003167 | FLANGED BALL VALVE PN16 - DN125 | €1058.4 VAT EXCLUDED |
| 00000003168 | FLANGED BALL VALVE PN16 - DN150 | €1417.5 VAT EXCLUDED |
| 00000003169 | FLANGED BALL VALVE PN16 - DN200 | €3960.0 VAT EXCLUDED |

