

## 103056 STANDARD SEALS\_REVOLVING THREADED FLANGES EN 1759-1 CLASS 300



TWO-way ball valve

Drive: ISO 5211 - DIN 3337 flange for actuator

Connection: Revolving threaded flanges EN 1759-1 CLASS 300 (exANSI 300)

Flow: Full

Material: Aisi 316L (1.4404)

Measure: from 1/2" to 4"

Seals: Modified Virgin P.T.F.E.

Operating temperature: -20°C+170°C

Outer finish: Polished

Screws for mounting actuator included

On request:

Antistatic device ATEX:

II 2G Ex h IIC T4 Gb

II 2D Ex h IIIC T135°C Db

M.O.C.A. CE 1935/2004

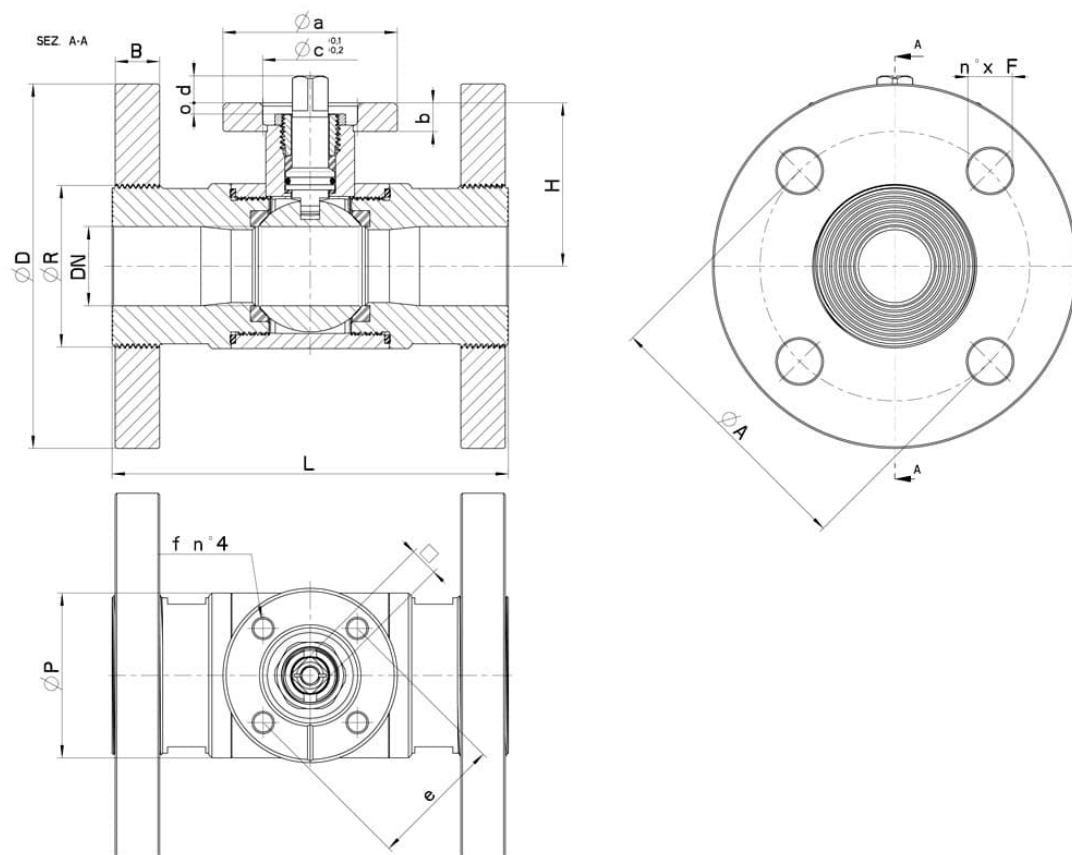
• Seals made of:

PTFE with glass -20°C+170°C

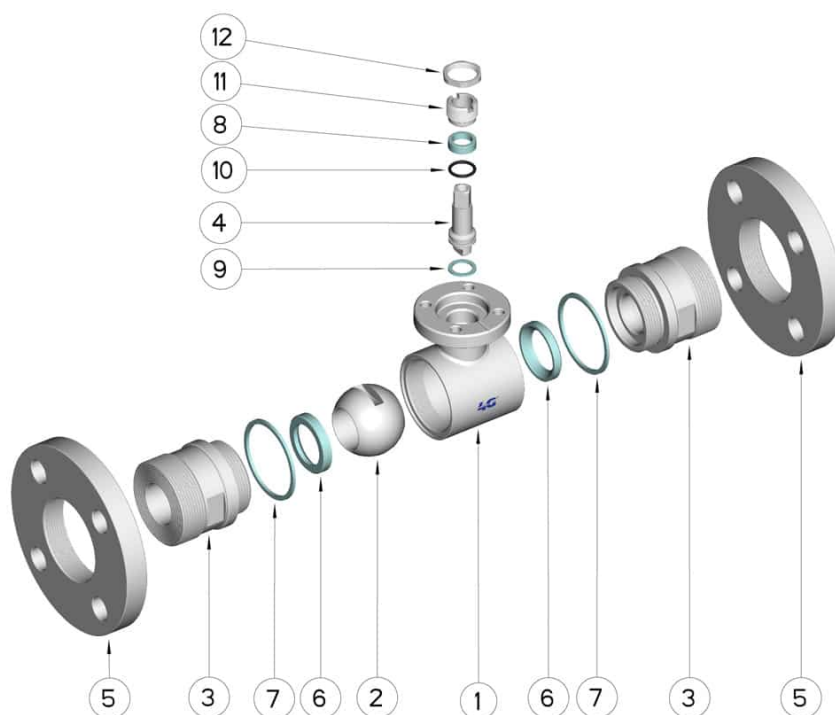
PTFE with carbographite -20°C+180°C

PTFE with inox -20°C+200°C

UHMW High-molecular weight polyethylene -20°C+80°C



| ANSI 300 | DN  | L   | H    | Ø P | D   | B    | Ø R | A     | n° x F   | Kg    | ISO-DIN | Ø a | b  | Ø c x o | □  | d  | e   | f  | n° 4 BOLTS | Nm | CODE AISI 304L | CODE AISI 316L |
|----------|-----|-----|------|-----|-----|------|-----|-------|----------|-------|---------|-----|----|---------|----|----|-----|----|------------|----|----------------|----------------|
| 1/2"     | 15  | 115 | 41,5 | 35  | 95  | 12,7 | 35  | 66,7  | 4 x 15,9 | 1,80  | F.03    | 46  | 9  | 25x3    | 9  | 8  | 36  | 6  | M5x16      | 8  | -              | 103056 61410   |
| 1/2"     | 15  | 115 | 41,5 | 35  | 95  | 12,7 | 35  | 66,7  | 4 x 15,9 | 1,83  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 8  | -              | 103056 6141F   |
| 3/4"     | 20  | 120 | 45   | 42  | 117 | 14,3 | 42  | 82,6  | 4 x 19   | 2,53  | F.03    | 46  | 9  | 25x3    | 9  | 8  | 36  | 6  | M5x16      | 12 | -              | 103056 62010   |
| 3/4"     | 20  | 120 | 45   | 42  | 117 | 14,3 | 42  | 82,6  | 4 x 19   | 2,65  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 12 | -              | 103056 6201F   |
| 1"       | 25  | 125 | 51,5 | 52  | 124 | 15,9 | 51  | 88,9  | 4 x 19   | 3,33  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 15 | -              | 103056 62610   |
| 1"       | 25  | 125 | 51,5 | 52  | 124 | 15,9 | 51  | 88,9  | 4 x 19   | 3,45  | F.05    | 65  | 9  | 35x3    | 14 | 13 | 50  | 7  | M6x16      | 15 | -              | 103056 6261F   |
| 1"1/4    | 32  | 130 | 56,5 | 60  | 133 | 17,4 | 63  | 98,4  | 4 x 19   | 4,98  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 18 | -              | 103056 63010   |
| 1"1/4    | 32  | 130 | 56,5 | 60  | 133 | 17,4 | 63  | 98,4  | 4 x 19   | 5,04  | F.05    | 65  | 9  | 35x3    | 14 | 13 | 50  | 7  | M6x16      | 18 | -              | 103056 6301F   |
| 1"1/2    | 40  | 140 | 56,5 | 73  | 156 | 19   | 75  | 114,3 | 4 x 22,2 | 6,35  | F.05    | 65  | 12 | 35x4    | 14 | 13 | 50  | 7  | M6x20      | 25 | -              | 103056 63410   |
| 1"1/2    | 40  | 140 | 76   | 73  | 156 | 19   | 75  | 114,3 | 4 x 22,2 | 6,52  | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 25 | -              | 103056 6341F   |
| 2"       | 50  | 150 | 84   | 88  | 165 | 20,6 | 89  | 127   | 8 x 19   | 8,90  | F.05    | 65  | 12 | 35x4    | 14 | 13 | 50  | 7  | M6x20      | 30 | -              | 103056 63810   |
| 2"       | 50  | 150 | 84   | 88  | 165 | 20,6 | 89  | 127   | 8 x 19   | 9,15  | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 30 | -              | 103056 6381F   |
| 2"1/2    | 65  | 170 | 94,5 | 113 | 190 | 23,8 | 110 | 149,2 | 8 x 22,2 | 13,96 | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 45 | -              | 103056 64410   |
| 2"1/2    | 65  | 170 | 94,5 | 113 | 190 | 23,8 | 110 | 149,2 | 8 x 22,2 | 14,46 | F.10    | 125 | 12 | 70x4    | 22 | 18 | 102 | 11 | M10x25     | 45 | -              | 103056 6441F   |
| 3"       | 80  | 180 | 106  | 135 | 210 | 27   | 120 | 168,3 | 8 x 22,2 | 16,10 | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 70 | 103056 44810   | 103056 64810   |
| 3"       | 80  | 180 | 106  | 135 | 210 | 27   | 120 | 168,3 | 8 x 22,2 | 16,60 | F.10    | 125 | 12 | 70x4    | 22 | 18 | 102 | 11 | M10x25     | 70 | 103056 4481F   | 103056 6481F   |
| 4"       | 100 | 190 | 120  | 167 | 254 | 30,2 | 140 | 200   | 8 x 22,2 | 22,00 | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 80 | 103056 45410   | 103056 65410   |
| 4"       | 100 | 190 | 120  | 167 | 254 | 30,2 | 140 | 200   | 8 x 22,2 | 22,50 | F.10    | 125 | 12 | 70x4    | 22 | 18 | 102 | 11 | M10x25     | 80 | 103056 4541F   | 103056 6541F   |



| POSITION | DENOMINATION  | PIECES | MATERIAL                |
|----------|---------------|--------|-------------------------|
| 1        | Body          | 1      | AISI (304L) 316L        |
| 2        | Ball          | 1      | AISI (304L) 316L        |
| 3        | Sleeves       | 2      | AISI (304L) 316L        |
| 4        | Stem          | 1      | AISI (304L) 316L        |
| 5        | Flanges       | 2      | AISI (304L) 316L        |
| 6        | Ball Seals    | 2      | PTFE Vergine Modificato |
| 7        | Sleeve Seals  | 2      | PTFE                    |
| 8        | Stem Seal     | 1      | PTFE                    |
| 9        | Stem Seal     | 1      | PTFE                    |
| 10       | Stem or-Seal  | 1      | FKM                     |
| 11       | Register ring | 1      | AISI 304L (303)         |
| 12       | Locknut       | 1      | AISI 303                |

