

## 133001 INTEGRAL SEALS - ISO 228 F



TWO-way ball valve "Integral Seal"

Drive: ISO 5211 - DIN 3337 flange for actuator

Connection: ISO 228 female/female thread

Flow: Full

Material: Aisi 316L (1.4404)

Measure: From 1/4" to 4"

Seals: virgin P.T.F.E.

Operating temperature: -20°C +160°C

Outer finish: Polished

Screws for mounting actuator included

On request:

Antistatic device ATEX:

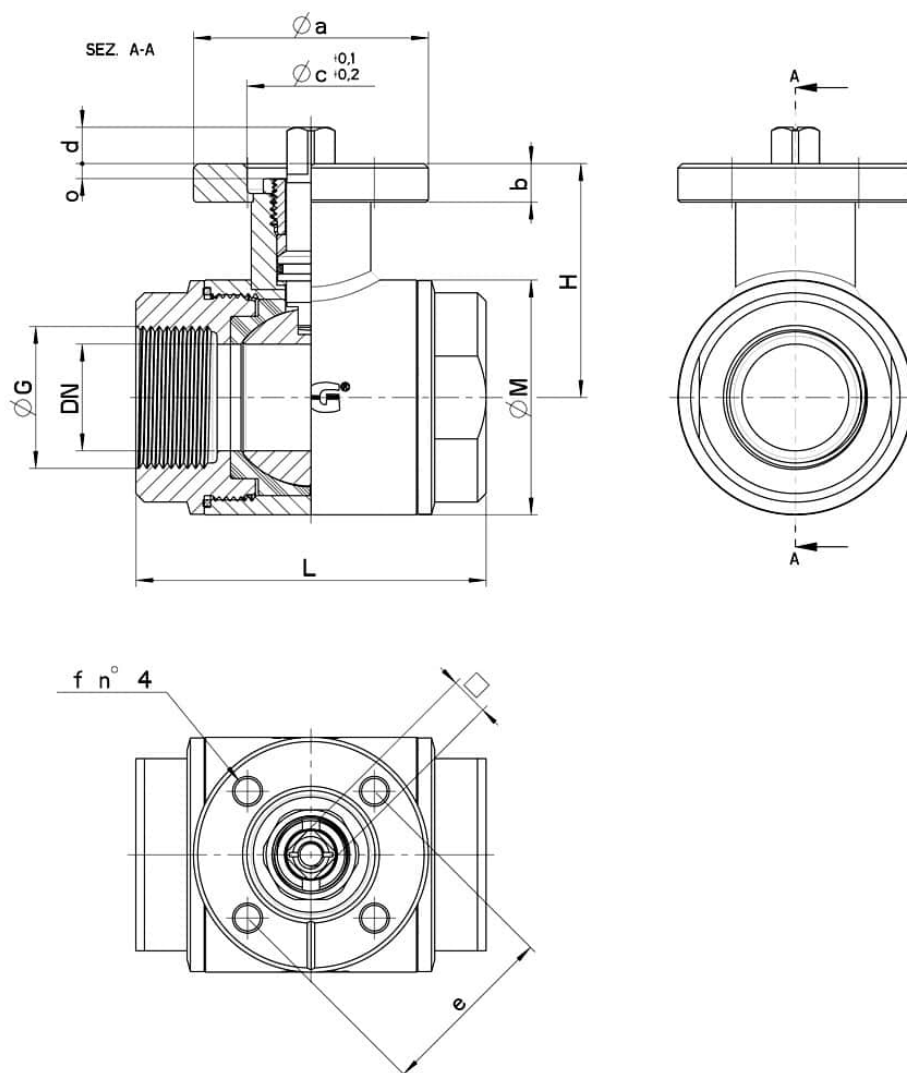
II 2G Ex h IIC T4 Gb

II 2D Ex h IIIC T135°C Db

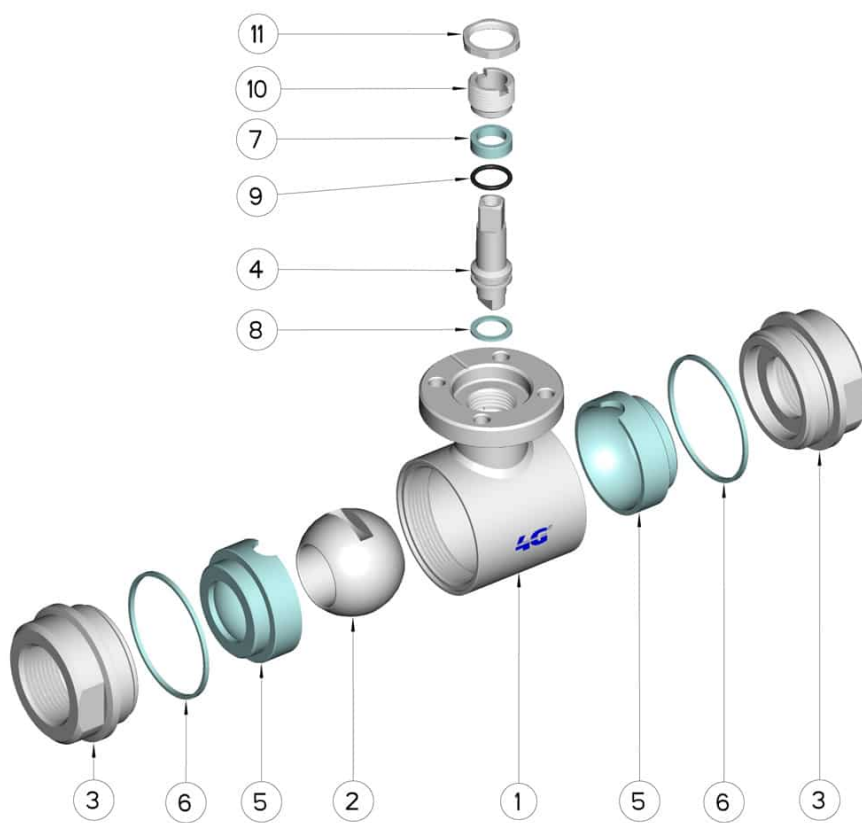
M.O.C.A. CE 1935/2004

• Seals made of:

PTFE with glass -20°C+170°C



| G      | DN  | L   | I  | H     | Ø M | PN  | Kg    | ISO-DIN | Ø a | b  | Ø c x o | □  | d  | e   | f  | n° 4 BOLTS | Nm | CODE AISI 316L |
|--------|-----|-----|----|-------|-----|-----|-------|---------|-----|----|---------|----|----|-----|----|------------|----|----------------|
| 1/4"   | 9   | 52  | 13 | 42    | 35  | 100 | 0,42  | F.03    | 46  | 9  | 25x3    | 9  | 8  | 36  | 6  | M5x16      | 6  | 133001 60410   |
| 1/4"   | 9   | 52  | 13 | 42    | 35  | 100 | 0,45  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 6  | 133001 6041F   |
| 3/8"   | 10  | 52  | 13 | 42    | 35  | 100 | 0,40  | F.03    | 46  | 9  | 25x3    | 9  | 8  | 36  | 6  | M5x16      | 6  | 133001 60810   |
| 3/8"   | 10  | 52  | 13 | 42    | 35  | 100 | 0,44  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 6  | 133001 6081F   |
| 1/2"   | 15  | 62  | 15 | 45    | 42  | 100 | 0,56  | F.03    | 46  | 9  | 25x3    | 9  | 8  | 36  | 6  | M5x16      | 9  | 133001 61410   |
| 1/2"   | 15  | 62  | 15 | 45    | 42  | 100 | 0,60  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 9  | 133001 6141F   |
| 3/4"   | 20  | 72  | 17 | 52    | 48  | 100 | 0,87  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 13 | 133001 62010   |
| 3/4"   | 20  | 72  | 17 | 52    | 48  | 100 | 0,92  | F.05    | 65  | 9  | 35x3    | 14 | 13 | 50  | 7  | M6x16      | 13 | 133001 6201F   |
| 1"     | 25  | 82  | 19 | 55    | 55  | 64  | 1,15  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 22 | 133001 62610   |
| 1"     | 25  | 82  | 19 | 55    | 55  | 64  | 1,17  | F.05    | 65  | 9  | 35x3    | 14 | 13 | 50  | 7  | M6x16      | 22 | 133001 6261F   |
| 1 1/4" | 32  | 92  | 19 | 59,5  | 65  | 64  | 1,47  | F.04    | 54  | 9  | 30x3    | 11 | 10 | 42  | 6  | M5x16      | 25 | 133001 63010   |
| 1 1/4" | 32  | 92  | 19 | 59,5  | 65  | 64  | 1,52  | F.05    | 65  | 9  | 35x3    | 14 | 13 | 50  | 7  | M6x16      | 25 | 133001 6301F   |
| 1 1/2" | 40  | 104 | 20 | 79,5  | 80  | 64  | 2,66  | F.05    | 65  | 12 | 35x4    | 14 | 13 | 50  | 7  | M6x20      | 32 | 133001 63410   |
| 1 1/2" | 40  | 104 | 20 | 79,5  | 80  | 64  | 2,71  | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 32 | 133001 6341F   |
| 2"     | 50  | 116 | 20 | 87    | 95  | 40  | 3,86  | F.05    | 65  | 12 | 35x4    | 14 | 13 | 50  | 7  | M6x20      | 37 | 133001 63810   |
| 2"     | 50  | 116 | 20 | 87    | 95  | 40  | 4,10  | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 37 | 133001 6381F   |
| 2 1/2" | 65  | 128 | 20 | 94,5  | 113 | 40  | 5,85  | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 60 | 133001 64410   |
| 2 1/2" | 65  | 128 | 20 | 94,5  | 113 | 40  | 6,25  | F.10    | 125 | 12 | 70x4    | 22 | 18 | 102 | 11 | M10x25     | 60 | 133001 6441F   |
| 3"     | 80  | 150 | 24 | 108,5 | 140 | 40  | 10,69 | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 75 | 133001 64810   |
| 3"     | 80  | 150 | 24 | 108,5 | 140 | 40  | 11,10 | F.10    | 125 | 12 | 70x4    | 22 | 18 | 102 | 11 | M10x25     | 75 | 133001 6481F   |
| 4"     | 100 | 178 | 26 | 120   | 167 | 25  | 15,60 | F.07    | 90  | 12 | 55x4    | 17 | 15 | 70  | 9  | M8x20      | 85 | 133001 65410   |
| 4"     | 100 | 178 | 26 | 120   | 167 | 25  | 16,18 | F.10    | 125 | 12 | 70x4    | 22 | 18 | 102 | 11 | M10x25     | 85 | 133001 6541F   |



| POS. | DENOMINATION  | PCS | MAT.            |
|------|---------------|-----|-----------------|
| 1    | Body          | 1   | AISI 316L       |
| 2    | Ball          | 1   | AISI 316L       |
| 3    | Sleeves       | 2   | AISI 316L       |
| 4    | Stem          | 1   | AISI 316L       |
| 5    | Ball Seals    | 2   | PTFE            |
| 6    | Sleeve Seals  | 2   | PTFE            |
| 7    | Stem Seal     | 1   | PTFE            |
| 8    | Stem Seal     | 1   | PTFE            |
| 9    | Stem or-Seal  | 1   | FKM             |
| 10   | Register ring | 1   | AISI 304L (303) |
| 11   | Locknut       | 1   | AISI 303        |

