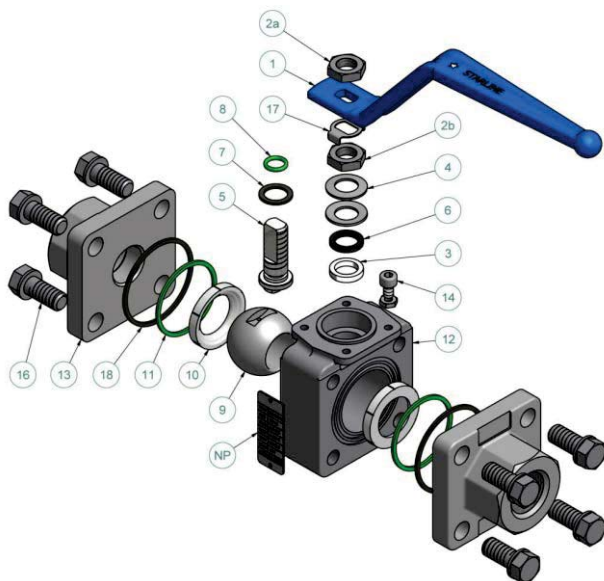




| IT | QTY | PART NAME       | MATERIAL                  |
|----|-----|-----------------|---------------------------|
| NP | 1   | Name Plate      | F316                      |
| 1  | 1   | Handle          | F316                      |
| 2a | 1   | Handle nuts     | F304                      |
| 2b | 1   |                 |                           |
| 3  | 1   | Packing ring    | Graphite                  |
| 4  | 2   | Spring washers  | F316 Treated              |
| 5  | 1   | Antistatic stem | F316/F316L Dual Certified |
| 6  | 1*  | Gland packing   | F316                      |
| 7  | 1   | Thrust washer   | PTFE                      |
| 8  | 1   | "O"ring stem    | Viton                     |
| 9  | 1   | Ball            | F316/F316L Dual Certified |
| 10 | 2   | Seats           | RPTFE (Carbon/Graphite)   |
| 11 | 2   | 1st Body seals  | RPTFE (Carbon/Graphite)   |
| 12 | 1   | Body            | F316/F316L Dual Certified |
| 13 | 2   | End connections | F316/F316L Dual Certified |
| 14 | 1   | Stop-pin        | F316                      |
| 16 | 8   | Bolts           | A193 B8                   |
| 17 | 1   | Stop washer     | F304                      |
| 18 | 2   | 2nd Body seals  | Graphite                  |

\* DN25-1" quantity 2pcs

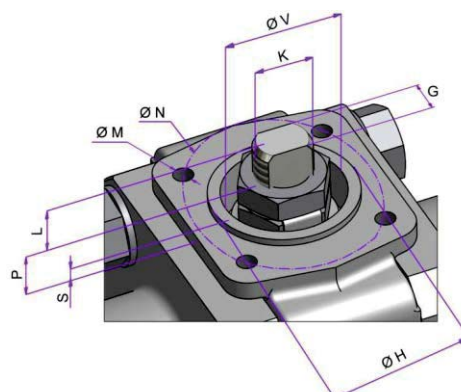
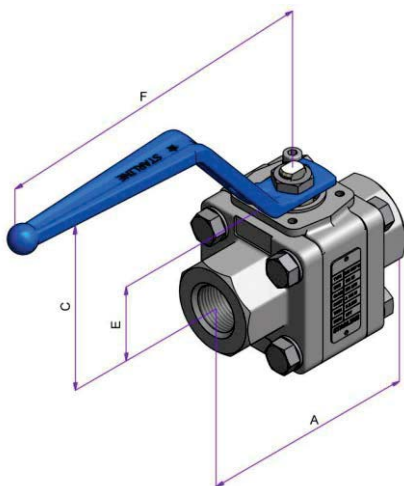
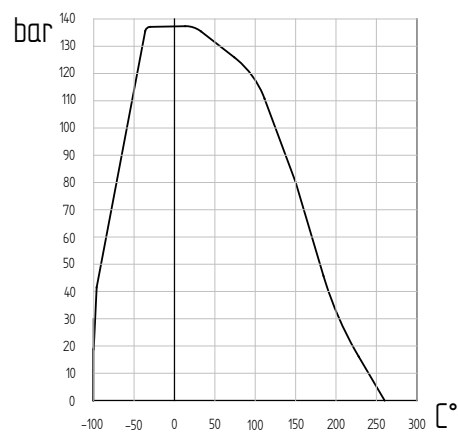
Recommended Spare Parts for Start-Up or Commissioning

## Construction

Floating ball  
Reduced Bore  
Soft Seat  
3-piece construction  
Antistatic Stem  
Blow-out proof stem  
Bidirectional  
Double body seal  
Triple stem seal

## General Features

PED Cat III Mod H  
Firesafe  
Atex II 2 GD  
TA-Luft  
ISO15848 Rate B  
ISO5208 rate A  
SIL 3  
NACE MR0175/MR0103  
Country of Origin: Italy



| SIZE |        | DIMENSIONS [mm] |      |     |      |       |  | WEIGHT | TORQUE |
|------|--------|-----------------|------|-----|------|-------|--|--------|--------|
| DN   |        | A               | BORE | C   | E    | F     |  | [kg]   | [Nm]   |
| 15   | 1/2"   | 75              | 11,1 | 79  | 30,5 | 144   |  | 1      | 11     |
| 20   | 3/4"   | 80              | 14,2 | 81  | 32,5 | 144   |  | 1,1    | 15     |
| 25   | 1"     | 100             | 20,5 | 98  | 39   | 172,5 |  | 2,2    | 23     |
| 32   | 1 1/4" | 110             | 25,4 | 100 | 38   | 172,5 |  | 2,9    | 32     |
| 40   | 1 1/2" | 120             | 31,7 | 110 | 43,5 | 218   |  | 4,3    | 38     |
| 50   | 2"     | 140             | 38   | 120 | 47,5 | 218   |  | 5,5    | 44     |

| SIZE |        | DIMENSIONS [mm] |     |     |    |          |     |    |    |       | ISO5211 |
|------|--------|-----------------|-----|-----|----|----------|-----|----|----|-------|---------|
| DN   |        | L               | P   | S   | V  | K        | G   | H  | N  | M     |         |
| 15   | 1/2"   | 3,6             | 5,4 | 1,5 | 21 | M10x1    | 5,5 | 25 | 36 | M5x8  | F03     |
| 20   | 3/4"   | 3,6             | 5,9 | 1,5 | 21 | M10x1    | 5,5 | 25 | 36 | M5x8  | F03     |
| 25   | 1"     | 9               | 5   | 1,5 | 25 | M12x1,25 | 7,5 | 30 | 42 | M5x8  | F04     |
| 32   | 1 1/4" | 10              | 10  | 1,5 | 25 | M12x1,25 | 7,5 | 30 | 42 | M5x8  | F04     |
| 40   | 1 1/2" | 13              | 14  | 1,5 | 30 | M15x1,5  | 8,9 | 35 | 50 | M6x10 | F05     |
| 50   | 2"     | 14              | 14  | 1,5 | 30 | M15x1,5  | 8,9 | 35 | 50 | M6x10 | F05     |

Torque values have been measured ΔP at max rating at room temperature (It must be understood that many factors can influence the torque)

Dimensions and weights are subject to change without notice.

Face to face dimensions not listed in industry standards are subject to change without notice.