## Material List

| No | Part | Material | ASTM Specification |
|---|---|---|---|
| 1 | Valve Body | Ductile Iron | ASTM A536, 65-45-12 |
| 2 | Wedge Disc | Ductile Iron | ASTM A536, 65-45-12 & EPDM |
| 3 | Stem | Stainless Steel | AISI 431 |
| 4 | Bonnet Gasket | EPDM | Commercial |
| 5 | Bonnet | Ductile Iron | ASTM A536, 65-45-12 |
| 6 | O-Ring | NBR | Commercial |
| 7 | Gland | Ductile Iron | ASTM A536, 65-45-12 |
| 8 | Post Flange | Ductile Iron | ASTM A536, 65-45-12 |
| 9 | Square Operating Nut | Ductile Iron | ASTM A536, 65-45-12 |
| 10 | Bolt | Carbon Steel | Zinch Plated |
| 11 | Flat Washer | Carbon Steel | Zinch Plated |
| 12 | Bolt | Carbon Steel | Zinch Plated |
| 13 | Flat Washer | Carbon Steel | Zinch Plated |
| 14 | Ring Wiper | EPDM | Commercial |
| 15 | O-Ring | NBR | Commercial |
| 16 | Axis Guide | Brass | HPb59-1 |
| 17 | Washer | Brass | HPb59-1 |
| 18 | O-Ring | NBR | Commercial |
| 19 | Bolt | Carbon Steel | Zinch Plated |
| 20 | Wedge Nut | Brass | HPb59-1 |
| 18 | Plug | Bronze | ASTM B584 C89833 |

## Dimensions - Weights

| SIZE | | DIMENSIONS (mm) | | | | L | |
|---|---|---|---|---|---|---|---|
| | | A | B | C | N-M | PN10/16 | ANSI |
| DN50 [1] | 2" [3] | 178 | 278 | 152 | 16 | 150 | 178 |
| DN65 | 2 1/2" [3] | 190 | 300 | 178 | 17,5 | 170 | 190 |
| DN80 | 3" [3] | 203 | 321 | 191 | 19,1 | 180 | 203 |
| DN100 | 4" | 229 | 395 | 229 | 19,1 | 190 | 229 |
| DN125 [2] | 5" | 254 | 432 | 254 | 19,1 | 200 | 254 |
| DN150 | 6" | 267 | 475 | 279 | 19,1 | 210 | 267 |
| DN200 | 8" | 292 | 585 | 343 | 22,2 | 230 | 292 |
| DN250 | 10" | 330 | 656 | 406 | 23,8 | 250 | 330 |
| DN300 | 12" | 356 | 751 | 483 | 25,4 | 270 | 356 |

| SIZE | | DIMENSIONS (mm) | | | | | | WEIGHTS (kg) |
|---|---|---|---|---|---|---|---|---|
| | | D1 | | | n-ØL | | | |
| | | ANSI | PN16 | PN10 | ANSI | PN16 | PN10 | |
| DN50 | 2" | 120,7 | 125 | | 4-Ø19,1 | | | 12,9 |
| DN65 | 2 1/2" | 139,7 | 145 | | 4-Ø19,1 | | | 15,9 |
| DN80 | 3" | 152,4 | 160 | | 4-Ø19,1 | 8-Ø19,1 | | 20,9 |
| DN100 | 4" | 190,5 | 180 | | 8-Ø19,1 | 8-Ø19,1 | | 35,7 |
| DN125 | 5" | 215,9 | 210 | | 8-Ø22.2 | 8-Ø19,1 | | 44,6 |
| DN150 | 6" | 241,3 | 240 | | 8-Ø22.2 | 8-Ø23 | | 54,2 |
| DN200 | 8" | 298,5 | 295 | | 8-Ø22.2 | 12-Ø23 | 8-Ø23 | 86,1 |
| DN250 | 10" | 362 | 355 | 350 | 12-Ø25,4 | 12-Ø28 | 12-Ø23 | 117,2 |
| DN300 | 12" | 431,8 | 410 | 400 | 12-Ø25,4 | 12-Ø28 | 12-Ø23 | 180 |

**Note-1: FM Approved only**
**Note-2: UL Listed only**
**Note-3: No post plate - flange supplied , UL Listed as NRS-232300FF**
**Valve flange drilling (size and location of holes) allows mating with the following flange types:**
ANSI= ANSI B16.1 Class 125
PN16=DIN 2501, EN 1092 - PN16, BS 4504
PN10=DIN 2501, EN 1092 - PN10, BS 4504