



RC 21

| DN / ID | | L [mm] | ØOD [mm] | flange | | | | | | movements | | | |
|---------|------|-----------|-------------|--------|-------------|--------------|----|------------|------------|------------|---|-----------------|----------------|
| [inch] | [mm] | | | PN | ØOF [mm] | ØBCD [mm] | n | Ød [mm] | F [mm] | axial [mm] | | lateral [mm] | angular [°] |
| | | | | | | | | | comp. - | ext. + | ± | ± | |
| 2 ½ | 65 | 115 | 109 | 10/16 | 185 | 145 | 4 | 18 | 16 | 4 | 2 | 4 | 7,5 |
| 3 | 80 | 130 | 118 | 10/16 | 200 | 160 | 8 | 18 | 18 | 4 | 2 | 4 | 7,5 |
| 4 | 100 | 135 | 147 | 10/16 | 220 | 180 | 8 | 18 | 18 | 6 | 3 | 5 | 7,5 |
| 5 | 125 | 170 | 177 | 10/16 | 250 | 210 | 8 | 18 | 18 | 6 | 3 | 5 | 7,5 |
| 6 | 150 | 180 | 202 | 10/16 | 285 | 240 | 8 | 22 | 18 | 6 | 3 | 6 | 7,5 |
| 8 | 200 | 205 | 263 | 16 | 340 | 295 | 12 | 22 | 20 | 12 | 7 | 8 | 7,5 |
| 10 | 250 | 240 | 323 | 10 | 395 | 350 | 12 | 22 | 22 | 12 | 7 | 8 | 7,5 |
| 12 | 300 | 260 | 372 | 10 | 445 | 400 | 12 | 22 | 26 | 14 | 8 | 10 | 7,5 |
| 14 | 350 | 295 | 422 | 10 | 505 | 460 | 16 | 22 | 35 | 14 | 8 | 12 | 6 |
| 16 | 400 | 310 | 479 | 10 | 565 | 515 | 16 | 26 | 40 | 14 | 8 | 12 | 6 |
| 18 | 450 | 335 | 525 | 10 | 615 | 565 | 20 | 28 | 40 | 16 | 8 | 12 | 6 |
| 20 | 500 | 350 | 576 | 10 | 670 | 620 | 20 | 28 | 40 | 16 | 8 | 12 | 6 |

| Allowable overpressure (PN) | | Damping of pressure at Temperature | | Max recommended Torque | |
|-----------------------------|----------------|------------------------------------|--------------------------|------------------------|-------|
| 10 bar | flanges PN10 | up to 70°C | 100% PN | DN32 – DN40 | 30Nm |
| 16 bar | flanges PN16 | at 70°C – 100°C | 70% PN | DN50 – DN100 | 40Nm |
| Test pressure | Burst pressure | Vacuum stability p _{abs.} | | DN125 – DN150 | 60Nm |
| 1,5-fold PN | 3-fold PN | DN32 – DN150 | 0,6bar at t _R | DN200 – DN350 | 100Nm |
| | | DN200 – DN500 | 0,8bar at t _R | DN400 – DN500 | 120Nm |

Other flange drillings on request. Subject to changes in design.