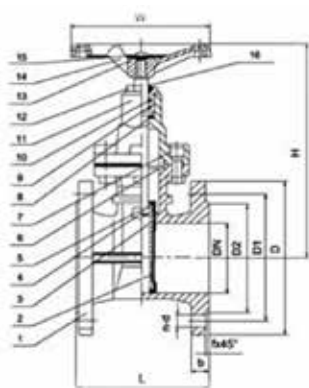




DESCRIPTION

DESIGN CONFIRMS TO
 DIN3352, BS5163, S.1.61, SABS 664/665
FLANGES DRILLED CONFIRM TO
 DIN2501/BS4504

NORMAL PRESSURE
 1.6 Mpa
SHELL TEST PRESSURE
 2.4 Mpa
SEAL TEST PRESSURE
 1.76 Mpa
SUITABLE MEDIUM
 water and neutral liquid
SUITABLE TEMPERATURE
 NBR < 80°C
 EPDM < 120°C



MATERIALS

| NO | PART | MATERIAL | DIN STANDARD | BS STANDARD |
|----|----------------|-----------------|--------------|---------------|
| 1 | BODY | DUCTILE IRON | GGG40 | BS2798 420/12 |
| 2 | WEDGE | DUCTILE IRON | GGG40 | BS2798 420/12 |
| 3 | WEDGE | RUBBER | EPDM/NBR | - |
| 4 | STEM | STAINLESS STEEL | X20CR13 | BS970 420537 |
| 5 | STEM NUT | BRASS | - | BS2874 CA122 |
| 6 | GASKET | RUBBER | EPDM/NBR | - |
| 7 | SCREW | STEEL | CK45 | BS970 40E |
| 8* | GASKET | TEFLON/BRASS | - | - |
| 9 | O-RING | RUBBER | EPDM/NBR | - |
| 10 | O-RING | RUBBER | EPDM/NBR | - |
| 11 | BONNET | DUCTILE IRON | GGG40 | BS2789 420/12 |
| 12 | GLAND | BRASS | - | BS2874 CZ122 |
| 13 | WASHER | STEEL | CK45 | |
| 14 | HANDWHEEL | DUCTILE IRON | GGG40 | BS2789 420/12 |
| 15 | BOLT | STEEL | CK45 | BS970 40E |
| 16 | ANTI-DUST RING | RUBBER | NBR | - |

8* DN40-DN150: TEFLON OR BRASS; DN 200-DN600: BRASS


DIMENSION (MM)

| DN | L | | | | D | D1 | D2 | b | f | n-d | H | W |
|-----|------------|------------|--------|---------|-----|-----|-----|------|---|-------|------|-----|
| | DIN3202 F4 | DIN3202 F5 | BS5163 | SABS664 | | | | | | | | |
| 40 | 140 | 240 | 165 | - | 150 | 110 | 88 | 19 | 3 | 4-18 | 260 | 160 |
| 50 | 150 | 250 | 178 | 216 | 165 | 125 | 102 | 19 | 3 | 4-18 | 270 | 180 |
| 65 | 170 | 270 | 190 | - | 185 | 145 | 122 | 19 | 3 | 4-18 | 283 | 180 |
| 80 | 180 | 280 | 203 | 229 | 200 | 160 | 138 | 19 | 3 | 8-18 | 311 | 220 |
| 100 | 190 | 290 | 229 | 254 | 220 | 180 | 158 | 19 | 3 | 8-18 | 352 | 250 |
| 125 | 200 | 325 | 254 | - | 250 | 210 | 188 | 19 | 3 | 8-18 | 435 | 280 |
| 150 | 210 | 350 | 267 | 280 | 285 | 240 | 212 | 19 | 3 | 8-18 | 485 | 320 |
| 200 | 230 | 400 | 292 | 317 | 340 | 295 | 268 | 20 | 3 | 12-22 | 520 | 350 |
| 250 | 250 | 450 | 330 | 356 | 405 | 355 | 320 | 22 | 3 | 12-26 | 632 | 400 |
| 300 | 270 | 500 | 356 | 380 | 460 | 410 | 378 | 24.5 | 4 | 12-26 | 745 | 400 |
| 350 | 290 | 550 | 381 | 470 | 520 | 470 | 430 | 26.5 | 4 | 16-28 | 835 | 500 |
| 400 | 310 | 600 | 406 | 470 | 580 | 525 | 489 | 28 | 4 | 16-31 | 853 | 600 |
| 450 | 330 | 650 | 432 | 485 | 640 | 585 | 548 | 30 | 4 | 20-31 | 1030 | 630 |
| 500 | 350 | 700 | 457 | 510 | 715 | 650 | 609 | 31.5 | 4 | 20-34 | 1100 | 630 |
| 600 | 390 | 800 | 508 | 600 | 840 | 770 | 720 | 36 | 5 | 20-37 | 1300 | 630 |