



| PARTS | MATERIALS |
|------------------|--|
| STEM NUT | STEEL |
| HANDWHEEL | DUCTILE IRON |
| YOKE SLEEVE | NI RESIST |
| GLAND | 13% CHROME |
| STEM & BACK SEAT | ASTM A276 GR 410 |
| BODY & BONNET | ASTM A216 GR WCB |
| WEDGE | ASTM A216 GR WCB WITH WELDED ASTM A182 GR F6 |
| BODY SEAT | ASTM A105 WITH STELLITE No 6 |
| BOLTING | ASTM A194 GR B7/ASTM A193 GR 2H |
| GASKET | GRAPHITE WITH LOW CARBON CONTENT METAL INNER AND OUTER RING |
| PACKING | 304 STAINLESS STEEL WIRE, IMPREGNATED WITH GRAPHITE TOP AND BOTTOM RING. RINGS IN BETWEEN ARE GRAPHITE |

WEDGE GATE VALVE, RISING STEM, OUTSIDE SCREW AND YOKE, BOLTED BONNET.

DESIGN AND DIMENSIONS

API 600. BS1414.

PRESSURE TEMPERATURE RATINGS

ANSI B16.34.

FACE TO FACE DIMENSIONS

ANSI B16.10.

CONTACT FACES

MSS SP-6 SERRATED OR SMOOTH FINISH.

FLANGE DIMENSIONS

ANSI B16.5.

MARKING

MSS SP 25.

MANUFACTURED TO

ISO 9000.

OTHER

2 PIECE BONNET ON SIZE ³ 14"

UNDRILLED & PN16 FLANGES

| Size | in | 2" | 2 ¹ / ₂ " | 3" | 4" | 5" | 6" | 8" | 10" | 12" | 14" | 16" | 18" | 20" | 24" |
|---------------|----|------|---------------------------------|------|-----|-----|------|------|------|------|------|------|------|------|------|
| | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
| Face to Face | in | 7 | 7.5 | 8 | 9 | 10 | 10.5 | 11.5 | 13 | 14 | 15 | 16 | 17 | 18 | 20 |
| | mm | 178 | 190 | 203 | 229 | 254 | 267 | 292 | 330 | 356 | 381 | 406 | 432 | 457 | 508 |
| Centre to top | in | 14.7 | 16.7 | 18.3 | 23 | 28 | 30.5 | 38 | 46.4 | 54.4 | 65 | 74 | 93.9 | 99.1 | 16.4 |
| | mm | 374 | 425 | 466 | 584 | 710 | 774 | 964 | 1178 | 1382 | 1650 | 1880 | 2384 | 2518 | 2956 |
| Handwheel dia | in | 7.9 | 7.9 | 8.8 | 9.8 | 12 | 12.4 | 14 | 15.7 | 17.7 | 19.7 | 17.7 | 17.7 | 17.7 | 17.7 |
| | mm | 200 | 200 | 224 | 250 | 305 | 315 | 355 | 400 | 450 | 500 | 450 | 450 | 450 | 450 |
| Weight | kg | 20 | 24 | 33 | 50 | 69 | 81 | 135 | 205 | 289 | 380 | 510 | 620 | 765 | 1157 |