



| STANDARD | |
|-----------------|-----------------------|
| MFG. & DESIGN | : API 600 |
| INSP. & TESTING | : API 598/BS. 6755 |
| FLANGE DETAIL | : ANSI B 16.5 RF 150# |
| FACE TO FACE | : ANSI B 16.10 |

NOTE :

1. SEAT AND WEDGE ARE HARD FACED/STELLITED

TECHNICAL DATA

| SR. NO. | PART NAME | MATERIAL | | |
|---------|----------------|-------------------------|---------------|---------------|
| | | FORGED CS | FORGED SS 304 | FORGED SS 316 |
| 1 | BODY | ASTM A 105 | A182 F304 | A182 F316 |
| 2 | SEAT RING | 11-13% Cr. SS | SS 304 | SS 316 |
| 3 | WEDGE | 11-13% Cr. SS | SS 304 | SS 316 |
| 4 | STEM | A182 F6 | A182 F304 | A182 F316 |
| 5 | GASKET | SS 304/316 SPIRAL WOUND | | |
| 6 | BONNET | ASTM A 105 | A182 F304 | A182 F316 |
| 7 | BONNET BOLT | A 193 Gr.B7 | SS 304 | SS 316 |
| 8 | GLAND BOLT | A 193 Gr.B7 | SS 304 | SS 316 |
| 9 | GLAND NUT | A 194-2H | SS 304 | SS 316 |
| 10 | STEM NUT | NI.RESIST | NI.RESIST | NI.RESIST |
| 11 | PACKING | TO SUIT SSERVICE | | |
| 12 | GLAND FOLLOWER | AISI 410 | AISI 304 | AISI 316 |
| 13 | GLAND FLANGE | A 105 | SS 304 | SS 316 |
| 14 | HAND WHEEL | MCI | | |
| 15 | HAND WHEEL NUT | MS | | |

ALL DIMENSIONS ARE IN MM.

| SIZE NB | F | T | ØC | ØD | ØR | N x ØJ | K PCD | ØE | H1 | H2 |
|---------|-------|------|------|-------|------|--------|-------|-----|-----|-----|
| 15 | 108 | 9.7 | 9 | 88.9 | 35 | 4 x 16 | 60.5 | 75 | 167 | 157 |
| 20 | 117.3 | 10.4 | 12.0 | 98.6 | 43 | 4 x 16 | 69.9 | 90 | 169 | 161 |
| 25 | 127 | 11.2 | 17.5 | 107.9 | 50.8 | 4 x 16 | 79.2 | 90 | 200 | 185 |
| 40 | 165.1 | 14.3 | 28 | 127 | 73.2 | 4 x 16 | 98.6 | 115 | 265 | 250 |
| 50 | 177.8 | 15.8 | 33 | 152.4 | 92 | 4 x 19 | 120.7 | 125 | 270 | 252 |



ENGINEERS COMBINE

I-18 SHAYONA ESTATE, NEAR MEMCO, NARODA ROAD, AHMEDABAD.

| | |
|-------------------|--|
| DRN. : | GATE VALVE 150# |
| CHD. : | FLANGED ENDS, 15mm TO 50MM |
| APD. : | PRESSURE RATING - ANSI 150 # |
| SCALE : NTS | HYDRAULIC TEST PRESSURE |
| DATE : 14.06.2013 | BODY : 31 Kg/cm ² PNEU. SEAT : 6 Kg/cm ² |
| | SEAT : 21 Kg/cm ² BACK SEAT : 21 Kg/cm ² |
| | DRG.NO.:- GTV / 150 / 15 - 50 |