



| P.NO. | PART NAME. | M A T E R I A L | | | | |
|-------|-------------------|--------------------------------|----------------------|---------------------|------------------------|-------------------------|
| | | CAST IRON | CAST STEEL | SS- 304 | SS-316 | ALLOY-20 |
| 1 | BODY | IS.210-FIG.200 | ASTM. A-216 Gr. WCB. | ASTM A-351 Gr.CF-8 | ASTM. A-351 Gr. CF -8M | ASTM. A-351 Gr. CN-7M |
| 2 | WEDGE | 13% Cr. SS. | 13% Cr. SS. | A-351 CF-8 | CF - 8M | CN-7M |
| 3 | SEAT | 13% Cr. SS. | 13% Cr. SS. | A-351 CF-8 | CF - 8M | CN-7M |
| 4 | STUDS/ NUTS | M.S. | A193.B-7/194-2H | AISI-304 | AISI - 304 | AISI - 304 |
| 5 | BONNET | IS.210-FIG.200 | ASTM A - 216 Gr. WCB | ASTM A-351 Gr.CF-8 | ASTM. A-351 Gr. CF -8M | ASTM A-351. Gr. CN-7M. |
| 6 | BONNET GASKET | SS304 SPW WITH GRAPHOIL FILLER | | | | |
| 7 | BACK SEAT | 13% Cr.SS. | 13% Cr.SS. | INTEGRAL WITH BODY. | | |
| 8 | GLAND PACKING | GRAPHOIL | | | | |
| 9 | GLAND | IS.210-Gr.20 | ASTM A - 216 Gr. WCB | ASTM A- 351 Gr.CF-8 | ASTM A-351 Gr. CF - 8M | ASTM A-351 Gr. CN - 7M. |
| 10 | GLAND BOLTING | M.S. | A193.B-7/194-2H | A193.B-8 | A193.B-8 | A193.B-8 |
| 11 | STEM | AISI - 410. | AISI - 410. | AISI-304 | AISI-316. | CN-7M |
| 12 | GREASE NIPPLE | COMMERCIAL QUALITY | | | | |
| 13 | STEM NUT. | SG IRON | SG IRON | SG IRON | SG IRON | SG IRON |
| 14 | STEM NUT RETAINER | C.I. | C.S. | A-351.CF-8. | CF-8M. | CF. - 8M. |
| 15 | KEY | C.S. | C.S. | C.S. | C.S. | C.S. |
| 16 | HAND WHEEL | C.I. | C.I. | C.I. | C.I. | C.I. |
| 17 | HANDWHEEL NUT | M.S. | M.S. | M.S. | M.S. | M.S. |

| SIZE N.B. | ALL DIMENSIONS ARE IN MM. | | | | | | | ØD x NO.OF HOLES |
|-----------|---------------------------|------|-----|----|-----|-----|-----|------------------|
| | L | H | F | T | R | W | PCD | |
| 40 | 165 | 300 | 127 | 14 | 73 | 170 | 98 | 16 x 4 |
| 50 | 178 | 320 | 152 | 16 | 92 | 203 | 121 | 19 x 4 |
| 65 | 191 | 336 | 178 | 17 | 105 | 203 | 140 | 19 x 4 |
| 80 | 203 | 455 | 191 | 19 | 127 | 230 | 152 | 19 X 4 |
| 100 | 229 | 485 | 229 | 24 | 157 | 250 | 191 | 19 x 8 |
| 125 | 255 | 580 | 254 | 24 | 186 | 265 | 216 | 22 x 8 |
| 150 | 267 | 690 | 279 | 25 | 215 | 306 | 241 | 22 x 8 |
| 200 | 292 | 950 | 343 | 29 | 270 | 325 | 298 | 22 x 8 |
| 250 | 330 | 1050 | 406 | 30 | 324 | 400 | 362 | 25 x 12 |
| 300 | 356 | 1200 | 483 | 32 | 381 | 600 | 432 | 25 x 12 |

NOTE:-

1. FLANGES WILL BE DRILLED AS IN THE TABLE UNLESS OTHERWISE SPECIFIED.
2. STELLITE WORKING PARTS ARE PROVIDED IF SPECIFICALLY REQUIRED

Test Pressure:

Hyd. Body : 32 Kg/cm2
 Hyd. Seat : 22 Kg/cm2
 Hyd. Back Seat: 22 Kg/cm2
 Pneumatic Seat: 7 Kg/cm2

| | | | |
|---|--------------------|----------------------------|----------|
| CLIENT :- | | | |
| SCALE :- NTS | SHEET :- | DRAWING No. | REV. |
| FILE :- 01 | DATE :- 05/04/2013 | AFS-2523-003 | 00 |
| TITLE :- GATE VALVE FLANGED ENDS, ANSI 150#. | | PROJECTION :- | |
| www.strainersindia.com | | L - 153 , | NAME |
| | | Nr.WATER TANK, | DATE |
| | | G.I.D.C. ODHAV, AHMEDABAD. | |
| | | ACAD BY HDS | 05/04/13 |
| | | CHED BY AM | 05/04/13 |
| | | APPD BY RS | 05/04/13 |