



PARTS & MATERIAL LIST

| ITEM | PART NAME | MATERIAL | ITEM | PART NAME | MATERIAL |
|------|---------------|----------------|------|---------------|--------------------|
| 1 | Body | ASTM A216 WCB | 1 | Body | ASTM A351 CF8M |
| 2 | Seat | ASTM A105+STL | 2 | Seat | ASTM A182 F316+STL |
| 3 | Disc | ASTM A105+Cr13 | 3 | Disc | ASTM A351 CF8M |
| 4 | Disc Nut | ASTM A194 2H | 4 | Disc Nut | ASTM A194 8 |
| 5 | Stem | Cr13 | 5 | Stem | ASTM A276 type 316 |
| 6 | Gasket | 304+Graphite | 6 | Gasket | 316+Graphite |
| 7 | Back seat | Cr13 | 7 | Back seat | ASTM A276 type 316 |
| 8 | Packing | Graphite | 8 | Packing | Graphite |
| 9 | Gland | Cr13 | 9 | Gland | ASTM A276 type 316 |
| 10 | Gland Flange | ASTM A216 WCB | 10 | Gland Flange | ASTM A351 CF8M |
| 11 | Yoke Sleeve | D-2 | 11 | Yoke Sleeve | D-2 |
| 12 | Handwheel | KTH330 | 12 | Handwheel | KTH330 |
| 13 | Nut | ASTM A194 2H | 13 | Nut | ASTM A194 8 |
| 14 | Nut | ASTM A194 2H | 14 | Nut | ASTM A194 8 |
| 15 | Gland Eyebolt | ASTM A193 B7 | 15 | Gland Eyebolt | ASTM A193 B8 |
| 16 | Pin | 1035 | 16 | Pin | 1035 |
| 17 | Yoke | ASTM A216 WCB | 17 | Yoke | ASTM A351 CF8M |
| 18 | Bolt | ASTM A193 B7 | 18 | Bolt | ASTM A193 B8 |
| 19 | Nut | ASTM A194 2H | 19 | Nut | ASTM A194 8 |

Note:
 1.Design as per BS1873
 2.Flange dimension as per ANSI B 16.5
 3.Face to face dimension as per ANSI B 16.10
 4.Test & Inspect confirm to API598

| SIZE | DN | B | C | D | t | L(RF) | n-d | K | Weight(kg) |
|--------|-------|-------|-------|-------|----|-------|---------|-----|------------|
| 2"-300 | 50.8 | 92 | 127 | 165.1 | 23 | 266.7 | 8-19 | 200 | 27 |
| 3"-300 | 76.2 | 127 | 168.1 | 209.6 | 29 | 317.5 | 8-22.4 | 250 | 53 |
| 4"-300 | 102 | 157 | 200.2 | 254 | 32 | 355.6 | 8-22.4 | 300 | 80 |
| 6"-300 | 152 | 216 | 269.7 | 317.5 | 37 | 444.5 | 12-22.4 | 350 | 155 |
| 8"-300 | 203.2 | 269.7 | 330.2 | 381 | 41 | 558.8 | 12-25.4 | 400 | 240 |

| 2"-8"-300#-Globe Valve | | | |
|------------------------|----------------|------------------------|------------|
| CLIENT | | DWG REV .NO | 00 |
| P.O.NO | | CLASS | |
| APPROVED BY | | HYDROSTATIC TEST (PSI) | SHELL SEAT |
| REVIEWED BY | | AIR TSET | |
| MADE BY | | DATE | |
| DRAWING NO | 151-XU/LU-CF8M | | |
| GDVAL VALVE | | | |