



### PARTS & MATERIAL LIST

| ITEM | PART NAME     | MATERIAL           |
|------|---------------|--------------------|
| 1    | Body          | ASTM A351 CF8M     |
| 2    | Seat          | ASTM A182 F316+STL |
| 3    | Wedge         | ASTM A351 CF8M     |
| 4    | Stem          | ASTM A276 type 316 |
| 5    | Gasket        | 316+Graphite       |
| 6    | Back seat     | ASTM A276 type 316 |
| 7    | Yoke          | ASTM A351 CF8M     |
| 8    | Packing       | Graphite           |
| 9    | Pin           | 1035               |
| 10   | Gland         | ASTM A276 type 316 |
| 11   | Gland Flange  | ASTM A351 CF8M     |
| 12   | Yoke Nut      | D-2                |
| 13   | Bearing Gland | 1035               |
| 14   | Handwheel     | KTH330             |
| 15   | Lock Nut      | 1035               |
| 16   | Oil Cup       | Casting Steel      |
| 17   | Nut           | ASTM A194 8        |
| 18   | Gland Eyebolt | ASTM A193 B8       |
| 19   | Nut           | ASTM A194 8        |
| 20   | Bolt          | ASTM A193 B8       |

**Note:**

- 1.Design as per API 600
- 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 API 598

| SIZE       | d     | L(RF) | D     | t  | G     | n-φ     | C     | K   | WEIGHT (KG) |
|------------|-------|-------|-------|----|-------|---------|-------|-----|-------------|
| 2"-300     | 50.8  | 216   | 165.1 | 23 | 92    | 8-19    | 127   | 200 | 24          |
| 2 1/2"-300 | 64    | 241   | 190   | 26 | 105   | 8-22    | 149   | 200 | 35          |
| 3"-300     | 76    | 283   | 210   | 29 | 127   | 8-22.5  | 168.5 | 250 | 48          |
| 4"-300     | 102   | 305   | 254   | 32 | 157   | 8-22.5  | 200.2 | 250 | 73          |
| 6"-300     | 152.4 | 403.2 | 317.5 | 37 | 215.9 | 12-22.5 | 269.7 | 350 | 144         |
| 8"-300     | 203   | 419   | 381   | 42 | 270   | 12-25.4 | 330   | 400 | 226         |
| 10"-300    | 254   | 457   | 444.5 | 48 | 324   | 16-28.5 | 387.4 | 450 | 350         |
| 12"-300    | 305   | 502   | 521   | 51 | 381   | 16-32   | 451   | 500 | 580         |

### 2"-12"-300#-Gate Valve

|                    |                  |                        |       |
|--------------------|------------------|------------------------|-------|
| CLIENT             |                  | DWG REV .NO            | 00    |
| P.O.NO             |                  | CLASS                  |       |
| APPROVED BY        |                  | HYDROSTATIC TEST (PSI) | SHELL |
| REVIEWED BY        |                  | AIR TSET               | SEAT  |
| MADE BY            |                  |                        |       |
| DRAWING NO         | 33-XU/33-LU-CF8M | DATE                   |       |
| <b>GDVAL VALVE</b> |                  |                        |       |