

Drawing No.

71-XU/71-LU-CF8M

Cat No & Description:

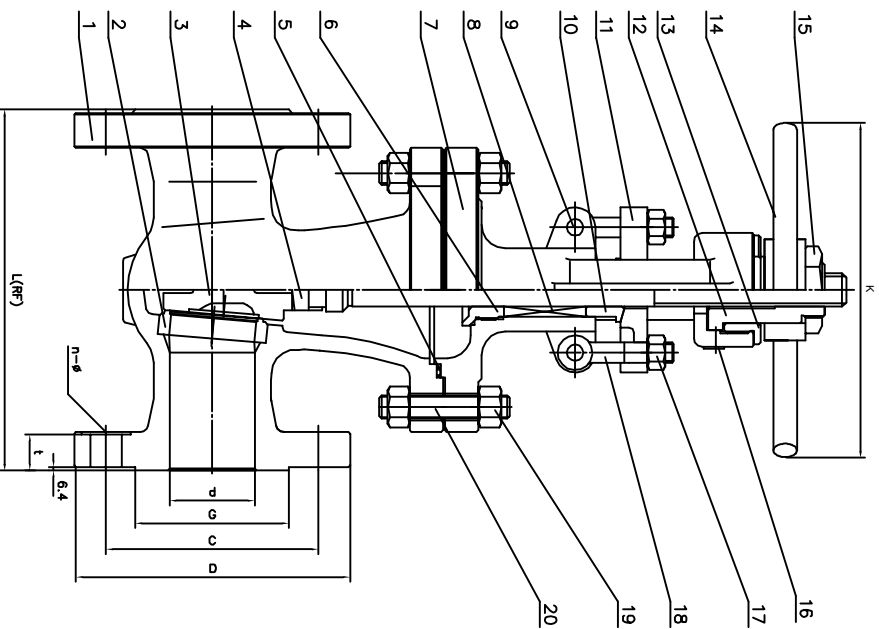
2"-8"-600#-Gate Valve

**CMEC SKVAL VALVES**

REV.1

**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    | Wedge         | ASTM A216 WCB+C13 | 3    | Wedge         | ASTM A351 CF8M     |
| 4    | Stem          | C13               | 4    | Stem          | ASTM A276 type 316 |
| 5    | Gasket        | 316+Graphite      | 5    | Gasket        | 316+Graphite       |
| 6    | Back seat     | C13               | 6    | Back seat     | ASTM A276 type 316 |
| 7    | Yoke          | ASTM A216 WCB     | 7    | Yoke          | ASTM A351 CF8M     |
| 8    | Packing       | Graphite          | 8    | Packing       | Graphite           |
| 9    | Pin           | 1035              | 9    | Pin           | 1035               |
| 10   | Gland         | C13               | 10   | Gland         | ASTM A276 type 316 |
| 11   | Gland Flange  | ASTM A216 WCB     | 11   | Gland Flange  | ASTM A351 CF8M     |
| 12   | Yoke Nut      | D-2               | 12   | Yoke Nut      | D-2                |
| 13   | Bearing Gland | 1035              | 13   | Bearing Gland | 1035               |
| 14   | Handwheel     | KTH330            | 14   | Handwheel     | KTH330             |
| 15   | Lock Nut      | 1035              | 15   | Lock Nut      | 1035               |
| 16   | Oil Cup       | Casting Steel     | 16   | Oil Cup       | Casting Steel      |
| 17   | Nut           | ASTM A194 2H      | 17   | Nut           | ASTM A194 8        |
| 18   | Gland Eyebolt | ASTM A193 B7      | 18   | Gland Eyebolt | ASTM A193 B8       |
| 19   | Nut           | ASTM A194 2H      | 19   | Nut           | ASTM A194 8        |
| 20   | Bolt          | ASTM A193 B7      | 20   | Bolt          | ASTM A193 B8       |



| SIZE   | d   | L(RF) | D     | G   | C   | t  | n-ø     | K   | WEIGHT<br>(KG) |
|--------|-----|-------|-------|-----|-----|----|---------|-----|----------------|
| 2"-600 | 51  | 292   | 165.1 | 92  | 127 | 26 | 8-ø19   | 200 | 35             |
| 3"-600 | 76  | 356   | 210   | 127 | 168 | 32 | 8-ø22   | 250 | 72             |
| 4"-600 | 102 | 432   | 273   | 157 | 216 | 38 | 8-ø25.4 | 350 | 126            |
| 6"-600 | 152 | 559   | 356   | 216 | 292 | 48 | 12-ø29  | 450 | 265            |
| 8"-600 | 200 | 660   | 419   | 270 | 349 | 56 | 12-ø32  | 500 | 444            |

- 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