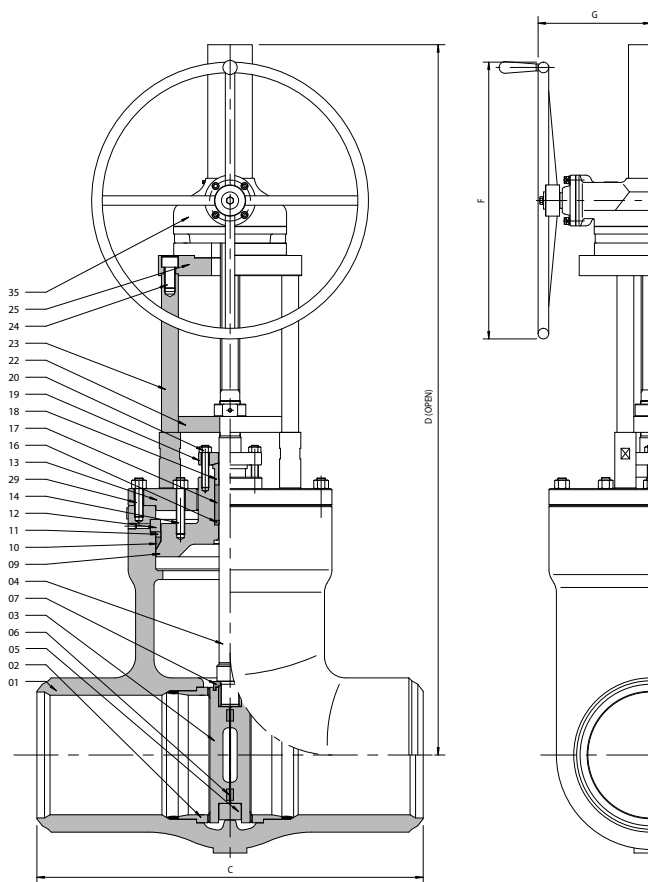


**CAST STEEL GATE VALVES, PRESSURE SEAL BONNET – FIG KKP**MAKE KEY VALVE TECHNOLOGIES LTD.  
ASME CLASS 1500**STANDARDS**

|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| DESIGN                        | ASME B16.34 - EN 12516 - (BS-EN 10434) - API 600           |
| BUTTWELDING ENDS              | ASME B16.25 - EN 12627 - DIN-EN 9692-1                     |
| FLANGED ENDS                  | RAISED FACE OR RING TYPE JOINT ACC. ASME B16.5 - EN 1759-1 |
| END-TO-END / FACE-TO-FACE DIM | ASME B16.10 - EN 12982 / EN 558-2                          |
| PRESSURE TESTING              | ASME B16.34 - EN 12266 - API 598                           |

**MATERIALS**

|                       |                         |
|-----------------------|-------------------------|
| 01 BODY               | (S)A216 WCB (SEE BELOW) |
| 02 SEAT RING          | A105 + STELLITE #12     |
| 03 PARALLEL DISC      | A216 WCB + STELLITE #6  |
| 04 STEM               | A276 410                |
| 05 DISC HOLDER        | 13CR                    |
| 06 BELLEVILLE SPRINGS | INCONEL 718             |
| 07 DISC GUIDE         | 13CR                    |
| 09 BONNET             | (S)A216 WCB             |
| 10 GASKET             | GRAPHITE/S.S            |
| 11 THRUST RING        | 13CR                    |
| 12 SEGMENTAL RING     | 13CR                    |
| 13 BONNET CLAMP       | CARBON STEEL            |
| 14 BONNET BOLTING     | A193-B7 / A194-2H       |
| 16 RING               | 13CR                    |
| 17 STEM PACKING       | GRAPHITE                |
| 18 GLAND              | A276 410                |
| 19 GLAND FOLLOWER     | A105                    |
| 20 GLAND BOLTING      | A193-B7 / A194-2H       |
| 22 POSITION INDICATOR | CARBON STEEL            |
| 23 YOKE BAR           | CARBON STEEL            |
| 24 YOKE BOLT          | A307-B                  |
| 25 YOKE FLANGE        | CARBON STEEL            |
| 29 CLAMP BOLTING      | A193-B7 / A194-2H       |
| 35 GEARBOX            |                         |

**FEATURES**

|                  |               |                                                                                                   |
|------------------|---------------|---------------------------------------------------------------------------------------------------|
| <b>DESIGN</b>    | CONSTRUCTION  | PRESSURE SEAL BONNET AND INTEGRAL BACKSEAT                                                        |
|                  | OPTIONS       | AUXILIARY CONNECTIONS AND/OR PROTECTION AGAINST FLUID THERMAL EXPANSION                           |
|                  | OPERATION     | HANDWHEEL - GEARBOX (RECOMMENDED FOR ITEMS WITH *) - ELECTRIC OR PNEUMATIC ACTUATOR               |
|                  | ACCESSORIES   | LIMIT SWITCHES - LOCKING DEVICE - POSITION INDICATOR - STEM COVER (OTHERS ON REQUEST)             |
| <b>MATERIALS</b> | BODY / BONNET | (S)A216 WCB - (S)A217 WC6 - (S)A217 WC9 - (S)A217 C12A (ALSO IN EN MATERIALS) (OTHERS ON REQUEST) |

**MAIN DIMENSIONS IN MM**

| CLASS     | 1500 |      |        |     |       |      |
|-----------|------|------|--------|-----|-------|------|
| NOM. SIZE | C    | D    | F      | G   | Cv    | KG   |
| 3" (80)   | 305  | 650  | 350    | 175 | 500   | 80   |
| 4" (100)  | 406  | 810  | 400    | 200 | 880   | 142  |
| 6" (150)  | 559  | 1095 | 500    | 247 | 1675  | 350  |
| 8" (200)  | 711  | 1052 | * 500  | 264 | 3080  | 540  |
| 10" (250) | 864  | 1260 | * 630  | 289 | 4840  | 963  |
| 12" (300) | 991  | 1320 | * 630  | 353 | 7065  | 1182 |
| 14" (350) | 1067 | 1395 | * 710  | 353 | 8310  | 1410 |
| 16" (400) | 1194 | 1660 | * 800  | 415 | 11280 | 2230 |
| 18" (450) | 1346 | 1705 | * 900  | 425 | 14465 | 2915 |
| 20" (500) | 1473 | 1890 | * 900  | 460 | 17580 | 4040 |
| 24" (600) | 1676 | 2020 | * 1000 | 500 | 25000 | 6375 |

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