



ALL BELOW SPECIFICATIONS ARE FOR INFORMATORY PURPOSE ONLY.
AND ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

| SIZE NB | 'A' | 'øB' | 'øD' | 'øE' | 'øH' | 'K' P.C.D. | 'L' | 'N' | 'øP' | 'T' |
|---------|-------|-------|-------|-------|------|---------------|------|-----|------|------|
| 2"/50 | 215.9 | 50.8 | 165.1 | 92.0 | 200 | 127.0 | 415 | 8 | 19.1 | 22.3 |
| 3"/80 | 282.6 | 76.2 | 209.6 | 127.0 | 250 | 168.2 | 530 | 8 | 22.2 | 28.5 |
| 4"/100 | 304.8 | 101.6 | 254.0 | 157.2 | 250 | 200.2 | 615 | 8 | 22.2 | 31.8 |
| 6"/150 | 403.2 | 152.4 | 317.5 | 215.9 | 350 | 269.8 | 798 | 12 | 22.2 | 36.6 |
| 8"/200 | 419.1 | 203.2 | 381.0 | 269.7 | 400 | 330.2 | 1020 | 12 | 25.4 | 41.2 |
| 10"/250 | 457.2 | 254.0 | 444.5 | 323.9 | 450 | 387.4 | 1225 | 16 | 28.5 | 47.8 |
| 12"/300 | 501.7 | 304.8 | 520.7 | 381.0 | 500 | 450.9 | 1445 | 16 | 31.8 | 50.8 |
| 14"/350 | 762.0 | 336.6 | 584.2 | 412.8 | 600 | 514.4 | 1575 | 20 | 31.8 | 53.9 |
| 16"/400 | 838.0 | 387.4 | 647.7 | 469.9 | 600 | 571.5 | 1745 | 20 | 35.1 | 57.2 |
| 18"/450 | 914.4 | 431.8 | 711.2 | 533.4 | 680 | 628.7 | 1945 | 24 | 35.1 | 60.5 |
| 20"/500 | 990.6 | 482.6 | 774.7 | 584.2 | 760 | 685.8 | 2155 | 24 | 35.1 | 63.5 |
| 24"/600 | 1143 | 584.2 | 914.4 | 692.2 | 910 | 812.8 | 2555 | 24 | 41.2 | 69.9 |

| | | | |
|-------|-----------------|----------|---|
| 13 | HANDWHEEL | 1 | MALLEABLE IRON/DUCTILE IRON/STEEL |
| 12 | YOKE SLEEVE | 1 | ASTM A 439 TYPE D-2/D-2C/COPPER ALLOY |
| 11 | GLAND BUSH | 1 | 13% CHROMIUM/S.S.-304/S.S.-316 |
| 10 | GLAND PACKING | AS REQD. | GRAPHITE WITH INCONEL WIRE |
| 9 | BONNET BUSH | 1 | 13% CHROMIUM/S.S.-304/S.S.-316 |
| 8 | BONNET STUD | AS REQD. | ASTM A 193 Gr.B7/B7M/B8M/A 320 Gr. L7 |
| 7 | BONNET STUD NUT | AS REQD. | ASTM A 194 Gr.2H /2HM/A 194 Gr. 8M/Gr. 4 |
| 6 | BONNET | 1 | ASTM A 216 Gr. WCB/WCC/ASTM A 352 Gr.LCB/LCC ASTM A 351 Gr. CF8/CF8M |
| 5 | GASKET | 1 | CORROUGATED METAL, OR SPIRAL WOUND TYPE S.S. 304/316 WITH GRAPHITE |
| 4 | SPINDLE | 1 | 13% CHROMIUM/S.S.-304/S.S.-316 |
| 3 | WEDGE | 1 | ASTM A 216 Gr. WCB/WCC+13% Cr. FACING/ASTM A 352 Gr.LCB/LCC+13% Cr. FACING/ASTM A 351 Gr. CF8/CF8M |
| 2 | SEAT RING | 2 | C.S. WITH 13% CR. FACING/AISI-410/A 105+13% Cr. FACING/S.S.-304/S.S.-316/13%Cr.+STELLITE |
| 1 | BODY | 1 | ASTM A 216 Gr. WCB/WCC/ASTM A 352 Gr.LCB/LCC ASTM A 351 Gr. CF8/CF8M |
| S.No. | DESCRIPTION | QTY. | MATERIAL |

NOTES: -

VALVE SIZE 2" TO 10" HANDWHEEL OPERATED
ABOVE 10" GEAR OPERATED

'N' NOS. HOLES OF øP DRILLED
EQUISPACED 'K' P.C.D. OFFCENTRE

DESIGN FEATURES

| | |
|------------------------|------------------|
| MANUFACTURING STD. | A.P.I.600 |
| FACE TO FACE | A.N.S.I. B 16.10 |
| ENDS FLANGE DIMENSIONS | A.N.S.I. B 16.5 |
| TESTING | API 598 |

TEST PRESSURE PSig

| CLASS | HYDROSTATIC | | AIR |
|-------|-------------|------|------|
| | BODY | SEAT | SEAT |
| 300 | 1100 | 800 | 80 |

DESCRIPTION

CAST STEEL GATE VALVE CLASS 300
SIZE: - 2" TO 24"

DRN:
DATE:
CHKD:
DATE:
APPD:
DATE:
DRAWING NO.:

FORWARD ALLOYS AND CASTINGS
L.B.S. MARG, BHANDUP BOMBAY

KOC-G21-W-1(S)/0