



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	292.1	50.8	165.1	92.0	200	127.0	460	8	19.1	25.4
3"/80	355.6	76.2	209.6	127.0	250	168.2	556	8	22.2	31.8
4"/100	431.8	101.6	273.1	157.2	350	215.9	683	8	25.4	38.1
6"/150	558.8	152.4	355.6	215.9	450	292.1	919	12	28.5	47.8
8"/200	660.4	199.9	419.1	269.7	500	349.3	1078	12	31.8	55.6
10"/250	787.4	247.7	508.0	323.9	600	431.8	1274	16	35.1	63.5
12"/300	838.2	298.5	558.8	381.0	680	489.0	1492	20	35.1	66.6
14"/350	889.0	326.9	603.3	412.8	760	527.1	1614	20	38.1	69.9
16"/400	990.6	374.7	685.8	469.9	760	603.3	1800	20	41.1	76.2
18"/450	1092.2	419.1	743.0	533.4	910	654.1	2100	20	44.5	82.6
20"/500	1193.7	463.6	812.8	584.2	600	723.9	2250	24	44.5	88.9
24"/600	1397.0	558.8	939.8	692.2	610	838.2	2730	24	50.8	101.6

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	SOFT IRON RING/S.S.-316 RING
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 13% Cr.,WCB,WCC,LCB,LCC,+STELLITE
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 4" HANDWHEEL OPERATED  
ABOVE 4" 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
INSPECTION	API 598

TEST PRESSURE PSig

CLASS	HYDROSTATIC		AIR
	BODY	SEAT	SEAT
600	2175	1600	80

DESCRIPTION

CAST STEEL GATE VALVE CLASS 600  
SIZE:- 2" TO 24"

DRN:	
DATE:	
CHKD:	
DATE:	
APPD:	
DATE:	
DRAWING NO.:	
KOC-G21-W-3(S)/0	

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