



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 12" HANDWHEEL OPERATED
 ABOVE 12" GEAR OPERATED

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	177.8	50.8	152.4	92.0	200	120.7	365	4	19.1	15.8
3"/80	203.2	76.2	190.5	127.0	250	152.4	430	4	19.1	19.1
4"/100	228.6	101.6	228.6	157.2	250	190.5	515	8	19.1	23.9
6"/150	266.7	152.4	279.4	215.9	305	241.3	690	8	22.2	25.4
8"/200	292.1	203.2	342.9	269.7	305	298.5	775	8	22.2	28.4
10"/250	330.2	254.0	406.4	323.9	400	362.0	945	12	25.4	30.2
12"/300	355.6	304.8	482.6	381.0	450	431.8	1035	12	25.4	31.8
14"/350	381.0	336.6	533.4	412.8	500	476.3	1275	12	28.4	35.1
16"/400	406.4	387.4	596.9	469.9	600	539.8	1455	16	28.4	36.6
18"/450	431.8	438.2	635.0	533.4	600	577.9	1610	16	31.8	39.6
20"/500	457.2	489.0	698.5	584.2	680	635.0	1815	20	31.8	42.9
24"/600	508.0	590.6	812.8	692.2	760	749.3	2175	20	35.1	47.8

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
150	BODY	SEAT	SEAT
	425	300	80

DESCRIPTION	
CAST STEEL GATE VALVE CLASS 150 SIZE: - 2" TO 24"	
DRN:	FORWARD ALLOYS AND CASTINGS L.B.S. MARG, BHANDUP BOMBAY
DATE:	
CHKD:	
DATE:	
APPD:	
DATE:	
DRAWING NO.:	
KOC-G21-W-0(S)/0	