

P.NO.	PART NAME.	MATERIAL	MATERIAL	MATERIAL
		WCB	S.S. 304	S.S. 316
1	BODY	ASTM A 216 Gr. WCB	ASTM A 351 Gr. CF8	ASTM A 351 Gr. CF8M
2	SOLID	WCB+13%	ASTM A 351 Gr. CF8	ASTM A 351 Gr. CF8M
3	SEAT	ASTM A 105+ST6	S.S.304	S.S.316
4	STUDS / NUTS	A193 Gr. B-7/194-2H	A-193 Gr. B8/A-194 GR.8	A-193 Gr. B8M/A-194 GR.8M
5	BONNET	ASTM A 216 Gr. WCB	ASTM A 351 Gr. CF8	ASTM A 351 Gr. CF8M
6	BONNET GASKET	SPIRAL WOUND SS316 WITH GRAPHITE FILLER		
7	BACK SEAT	S.S.410+ST6	INTEGRAL WITH BODY.	
8	GLAND PACKING	TO SUIT SERVICE		
9	GLAND	ASTM A 216 Gr. WCB	ASTM A 351 Gr. CF8	ASTM A 351 Gr. CF8M
10	GLAND BOLTING	A 193 B-7 / 194-2H	A 193 B8 / 194-8	A 193 B8 / 194-8
11	STEM	D2	D2	D2
12	GEAR BOX	ANY BEST INDIAN MAKE		

ALL DIMENSION ARE IN mm

SIZE		F/F	ØD	PCD	ØRF	T	ØJ	N
INCH	ØB							
14"	337	762	585	514.4	412.8	53.85	32	20
16"	387	838	650	571.5	469.9	57.15	35	20
18"	438	914	710	628.65	533.4	60.45	35	24
20"	483	991	775	685.8	584.2	63.5	35	24
24"	584	1143	915	812.8	692.2	69.85	41	24

TEST PRESSURE

HYDRAULIC TEST-ANSI 300#
BODY : 79 Kg/Cm <sup>2</sup>
SEAT : 58 Kg/Cm <sup>2</sup>
BACK SEAT : 58 Kg/Cm <sup>2</sup>


STANDARD

MFG. & DESIGN	: API 600
INSP. & TESTING	: API 598/BS. 6755
FLANGE DETAIL	: ANSI B 16.5 RF 300#
FACE TO FACE	: ANSI B 16.10

AIR TEST

SEAT : 7Kg/Cm <sup>2</sup>
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ALL DIMENSIONS ARE IN MM.



## MULTITECH ENGINEERING

L-82, G.I.D.C. Estate, Nr. Water tank Odhav AHMEDABAD - 382415

DRN. : VASUDEV	<b>GATE VALVE 300# GEAR OPP.</b>
CHD. :	<b>FLANGED ENDS, 350 MM TO 600MM</b>
APD. :	PRESSURE RATING - ANSI 300 #
SCALE : NTS	
DATE :	DRG.NO.: <b>GTV / 300 / 350-600 / G.D.</b>