



P.NO.	PART NAME.	MATERIAL
1	BODY	ASTM A - 216 Gr. WCB
2	BONNET	ASTM A - 216 Gr. WCB
3	WEDGE	A 216 WCB with 13% Cr. FACING
4	GASKET	SS 304 SPIRAL WOUND GASKET WITH GRAPHOLIT FILLER
5	SEAT	A 105 + 13% Cr. FACING
6	STUD / NUT	ASTM A 193 Gr. B7 / A 194 Gr. 2H
7	BACK SEAT	AISI 410
8	GLAND	AISI 410
9	GLAND PACKING	GRAPHITED LUBRICATED NON-ASBESTOS IMPREGNATED WITH SACRIFICIAL INCONEL WIRE
10	GLAND BOLTING	ASTM A 193 Gr. B7 / A 194 Gr. 2H
11	GLAND FLANGE	CARBON STEEL
12	STEM	AISI 410
13	YOKE BOLTING	ASTM A 193 Gr. B7 / A 194 Gr. 2H
14	GEAR BOX	HEAVY DUTY STANDARD MAKE

**NOTE :-**

MATERIAL GIVEN IN TABLE IS FOR REFERENCE ONLY.  
OTHER MATERIALS LIKE CARBON STEEL, LOW CARBON STEEL, ALLOY STEEL, STAINLESS STEEL, DUPLEX STEEL, SUPER DUPLEX STEEL, ALLOY 20, MONEL, INCONEL, HASTELLOY, COPPER ALLOY AVAILABLE AS PER SERVICE REQUIREMENT.

Size(NB)	F to F	OD	FT	'K' PCD	Hole X ØD	RF	H
300mm	502	520	50.8	450.8	16 X 31.75	381	1210
350mm	762	585	54	514.4	20 X 31.75	412.8	1420
400mm	838	650	57.15	571.5	20 X 34.9	469.9	1544
450mm	914	710	60.3	628.6	24 X 34.9	533.4	1075
500mm	991	775	63.5	685.8	24 X 34.9	584.2	1920
600mm	1143	915	69.8	812.8	24 X 41.3	692.1	2444

ENGINEERING DATA	
DESIGN CODE	APL 600
FACE TO FACE	ASME B 16.10
END CONNECTION	ASME B 16.5 RF TO 125-250 AARRH
INSPECTION & TESTING	API. 598

HYDRO TEST: 300#			AIR TEST		
BODY	SEAT	BACK SEAT	SEAT		
79 KG/CM <sup>2</sup>	57 KG/CM <sup>2</sup>	57 KG/CM <sup>2</sup>	07 KG/CM <sup>2</sup>		

DRN. : B.M.P	<p>NORFLOW CONTROLS Industrial Valves</p>
CHK. : V.G.P	
APRD. : S.K.P	<p>GATE VALVE FLANGED ENDS, 300#</p>
DATE: 01.04.19	
SCALE : NTS	DRG NO. : NC/GT/V/300/300-600

ALL DIMENSION ARE IN MM