



P.NO.	PART NAME.	MATERIAL
1	BODY	CAST STEEL
2	BONNET	ASTM A-216 Gr. WCB
3	WEDGE	ASTM A-216 Gr. WCB
4	GASKET	A 216 WCB with 13% Cr. FACING SS 304 SPIRAL WOUND GASKET WITH GRAPHOL FILLER
5	YOKE	ASTM A-216 Gr. WCB
6	SEAT	A 105 + 13% Cr. FACING
7	STUD / NUT	ASTM A 193 Gr. B7 / A 194 Gr. 2H
8	BACK SEAT	ASTM A 193 Gr. B7 / A 194 Gr. 2H
9	GLAND	ASTM A 193 Gr. B7 / A 194 Gr. 2H
10	GLAND PACKING	GRAPHITED LUBRICATED NON-ASBESTOS IMPREGNATED WITH SACRIFICIAL INCONEL WIRE
11	GLAND BOLTING	ASTM A193 Gr. B7 / A194 Gr. 2H
12	GLAND FLANGE	CARBON STEEL
13	STEM	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	1/4 PCD	Hole X ØD	RF	H
200mm	660	420	55.6	349.2	12 X 31.75	269.7	880
250mm	787	510	63.5	431.8	16 X 35.05	323.8	1213
300mm	838	560	66.5	489	20 X 35.05	381	1285
350mm	889	605	69.8	527	20 X 38.1	412.8	1520
400mm	991	685	76.2	603.2	20 X 41.1	469.9	1615
450mm	1092	745	82.5	654	20 X 44.4	533.4	1810
500mm	1194	815	88.9	724	24 X 44.4	584.2	1920
600mm	1397	940	101.6	838.2	24 X 50.8	692.1	2810

ENGINEERING DATA	
DESIGN CODE	API. 600 / ASME B.16.34
FACE TO FACE	ASME B.16.10
END CONNECTION	ASME B.16.5 RF.125-250 AARRH
INSPECTION & TESTING	API. 598

HYDRO TEST: 600#			
BODY	SEAT	BACK SEAT	SEAT
156 KG/CM²	115 KG/CM²	115 KG/CM²	7 KG/CM²

DRN. : B.M.P	
CHK. : V.G.P	
APRD. : S.K.P	
DATE: 01.04.19	
SCALE: NTS	GATE VALVE FLANGED ENDS, 600#.