

P.NO.	PART NAME.	MATERIAL	
		CAST STEEL	
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 GRAPHOL 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 IMPREGANATED WITH SACRIFICIAL INCONEL WIRE	
10	GLAND BOLTING	ASTM A193 Gr. B7 / A194 Gr. 2H	
11	GLAND FLANGE	CARBON STEEL	
12	STEM	AISI 410	
13	STEM NUT	SG IRON / ASTM A 439 Gr. D2	
14	STEM NUT RETAINER	CARBON STEEL	
15	HAND WHEEL	SG IRON	
16	HANDWHEEL NUT	CARBON STEEL	
17	GREASE NIPPLE	STEEL	

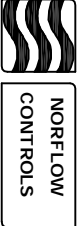
**NOTE :-**

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' POD	Hole X ØD	RF	H
25mm	216	125	17	88.9	4 X 19.05	51	225
40mm	241	155	22	114.3	4 X 22.09	73	265
50mm	292	165	25.4	127	8 X 19.05	92	450
65mm	330	190	29	149.2	8 X 22.09	105	440
80mm	356	210	31.7	168.3	8 X 22.3	127	495
100mm	432	275	38.1	215.9	8 X 25.4	157	620
125mm	508	330	44.4	266.7	8 X 28.4	185.6	770
150mm	559	355	47.7	292.1	12 X 28.4	216	890

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

HYDRO TEST: 600#			
BODY	SEAT	BACK SEAT	AIR TEST SEAT
156 KG/CM <sup>2</sup>	115 KG/CM <sup>2</sup>	115 KG/CM <sup>2</sup>	7 KG/CM <sup>2</sup>

DRN : B.M.P	 Industrial Valves
CHK : V.G.P	
APRD : S.K.P	GATE VALVE FLANGED ENDS, 600#.
DATE:01.04.19	
SCALE: NTS	DRG NO : NC/GTV/600/25-150