

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 IMPREGNATED 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	

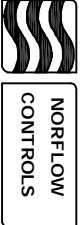
NOTE :-

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' PCD	Hole X ØD	RF	H
25mm	165	125	17	88.9	4 X 19.05	51	200
40mm	190	155	21	114.3	4 X 22.09	73	245
50mm	216	165	22.3	127	8 X 19.05	92	375
65mm	241	190	25.4	149.2	8 X 22.09	105	380
80mm	282	210	29	168.3	8 X 22.3	127	450
100mm	305	255	31.75	200	8 X 22.3	157	526
125mm	381	280	35	235	8 X 22.3	185.6	600
150mm	403	320	36.5	269.9	12 X 22.3	216	600
200mm	419	380	41.1	330.2	12 X 25.4	269.7	865
250mm	457	445	47.7	387.4	16 X 28.5	323.8	1110

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 AARH
INSPECTION & TESTING	API. 598

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

DRN : B.M.P	 Industrial Valves
CHK : V.G.P	
APRD : S.K.P	GATE VALVE FLANGED ENDS, 300#
DATE: 01.04.19	
SCALE : NTS	
DRG NO. : NC/GTV/300/25-250	