

P.NO.	PART NAME.	MATERIAL	
		CAST STEEL	
1	BODY	ASTM A 216 Gr.WCB	
2	PLUG	A 216 WCB with 13% Cr. STEEL FACING	
3	BONNET	ASTM A 216 Gr.WCB	
4	STUD / NUT	ASTM A 193 Gr.B7 / A 194 Gr. 2H	
5	GASKET	SS 304 SPIRAL WOUND GASKET WITH GRAPHOL FILLER	
6	BACK SEAT	AISI 410	
7	SEAT	A 216 WCB with 13% Cr. STEEL FACING	
8	GLAND PACKING	GRAPHITED LUBRICATED NON ASBESTOS IMPREGNATED WITH SACRIFICIAL INCONEL WIRE	
9	GLAND	AISI 410	
10	GLAND BOLTING	ASTM A193. Gr B7 / A194 Gr.2H	
11	GLAND FLANGE	CARBON STEEL	
12	STEM	AISI 410	
13	PLUG NUT	AISI 410	
14	HAND WHEEL	SG IRON	
15	HANDWHEEL NUT	CARBON 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	127	110	11	79.4	4 X 15.7	51	180
40mm	165	125	14	98.4	4 X 15.7	73	235
50mm	203	150	15.8	120.7	4 X 19.05	92	255
65mm	216	180	17	139.7	4 X 19.05	105	335
80mm	241	190	19.05	152.4	4 X 19.05	127	360
100mm	292	230	23.8	190.5	8 X 19.05	157	440
125mm	356	255	23.8	215.9	8 X 22.5	185.6	514
150mm	406	280	25.4	241.3	8 X 22.3	216	450
200mm	495	345	28.5	298.5	8 X 22.3	269.7	565
250mm	622	405	30.2	362	12 X 25.4	323.8	775

HYDRO TEST: 150#				AIR	
BODY	SEAT	BACK SEAT	SEAT		
32 KG/CM ²	22 KG/CM ²	22 KG/CM ²	7 KG/CM ²		

ENGINEERING DATA	
DESIGN CODE	BS 1873 / ASME B 16.34
FACE TO FACE	ASME B 16.10
END CONNECTION	ASME B 16.5 RF TO 125 - 250 AARR
INSPECTION & TESTING	API 598

DRN.: B.M.P	 <p>NORFLOW Industrial Valves CONTROLS</p>
CHK.: V.G.P	
APRD.: S.K.P	
DATE: 01.04.19	
SCALE: NTS	<p>GLOBE VALVE FLANGED ENDS, 150#.</p> <p>DRG NO.: NC/GLV/150/25-250</p>