



NOTE :-  
200mm AND ABOVE WILL BE PROVIDED WITH GEAR BOX.

P.NO.	PART NAME	MATERIAL
1	BODY	ASTM A-216 Gr. WCB CAST STEEL
2	BONNET	ASTM A-216 Gr. WCB
3	WEDGE	A 216 WCB with 13% Cr. STEEL FACING
4	BONNET GASKET	DIE MOULDED GRAPHOLITE
5	SEAT	A 105 + 13% Cr. FACING
6	STUD / NUT	ASTM A 193 Gr. B7 / A 194 Gr. 2H
7	BACK SEAT	ST 6 (INTEGRAL)
8	BODY STUD / NUT	ASTM A 193 Gr. B7 / A 194 Gr. 2H
9	GLAND	ASTM A 193 Gr. B7 / A 194 Gr. 2H
10	SEGMENTAL RING	F 6 GARFATED LUBRICATED NON ASBESTOS
11	GLAND PACKING	ASTM A 193 Gr. B7 / A 194 Gr. 2H
12	GLAND BOLTING	ASTM A 193 Gr. B7 / A 194 Gr. 2H
13	GLAND FLANGE	CARBON STEEL
14	STEM	ASTM A 193 Gr. B7 / A 194 Gr. 2H
15	STEM NUT	SG IRON
16	STEM NUT COVER	CARBON STEEL
17	HAND WHEEL	SG IRON
18	HANDWHEEL NUT	CARBON STEEL
19	GREASE NIPPLE	STEEL
20	BEARING	STANDARD
21	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	H
50mm	47	216	455
65mm	57	254	500
80mm	73	305	515
100mm	98	356	650
150mm	146	508	935
200mm	190.5	660	1125
250mm	238	787	1255
300mm	282	914	1439
350mm	311	991	1585
400mm	356	1092	1639
450mm	400	1219	1835
500mm	444.5	1321	1970
600mm	533.4	1549	2600

ENGINEERING DATA	
DESIGN CODE	API. 600 / ASME B 16.34
FACE TO FACE	ASME B 16.10
END CONNECTION	ASME B 16.5 BUTT WELD END
INSPECTION & TESTING	API. 598

HYDRO TEST: 900#			
BODY	SEAT	BACK SEAT	AIR TEST SEAT
236KG/CM 2	172KG/CM 2	172 KG/CM 2	07 KG/CM 2

DRN. : B.M.P	<p>NORFLOW CONTROLS Industrial Valves</p>
CHK. : V.G.P	
APRD. : S.K.P	
DATE: 01.04.19	<p>GATE VALVE BUTT WELD ENDS, 900#.</p>
SCALE: NTS	
DRG NO. : NC/GTV/BW/PR/900/50-600	