



NOTE:
20mm 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	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	GLAND	ALSI 410
9	SEGMENTAL RING	F 6
10	GLAND PACKING	GRAPHITED LUBRICATED NONASBESTOS IMPROVED WITH SAE 30 FOR ANGLE WIRE
11	GLAND BOLTING	ASTM A193, Gr: B7/A194 Gr: 2H
12	GLAND FLANGE	CARBON STEEL
13	STEM	ALSI 410
14	STEM NUT	SG IRON / ASTM A 439 Gr: D2
15	STEM NUT RETAINER	CARBON STEEL
16	HAND WHEEL	SG IRON
17	HANDWHEEL NUT	CARBON STEEL
18	GREASE NIPPLE	STEEL
19	BEARING	STANDARD
20	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	K/PCD	Hole X OD	RF	H
50mm	47	216	215.9	38.1	165.1	8 X 25.4	92	455
65mm	57	254	245	41.3	190.5	8 X 28.4	105	500
80mm	73	305	240	38.1	190.5	8 X 25.4	127	515
100mm	98	356	290	44.45	234.9	8 X 31.7	157	650
150mm	146	508	380	55.6	317.5	12 X 31.7	216	935
200mm	190.5	660	470	63.5	383.7	12 X 38.1	269.7	1125
250mm	238	787	545	69.85	409.9	16 X 38.1	323.8	1255
300mm	282	914	610	79.4	533.4	20 X 38.1	381	1439
350mm	311	991	640	85.7	558.8	20 X 41.1	412.8	1585
400mm	356	1092	705	88.9	615.9	20 X 44.4	469.9	1639
450mm	400	1219	785	101.6	665.8	20 X 50.8	533.4	1835
500mm	444.5	1321	855	107.9	749.3	20 X 54	584.2	1970
600mm	533.4	1549	1040	133.7	901.7	20 X 66.5	692.1	2600

ENGINEERING DATA

DESIGN CODE	API 600 / ASME 16.34
FACE TO FACE	ASME B 16.10
END CONNECTION	ASME B 16.5 RF TO 1.25-2.50 AARR
INSPECTION & TESTING	API 598

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

DRN.: B.M.P	<p>NORFLOW CONTROLS</p> <p>Industrial Valves</p>
CHK.: V.G.P	
APRD.: S.K.P	<p>GATE VALVE FLANGED ENDS, 900#.</p>
DATE: 01.04.19	
SCALE: NTS	DRG NO.: NCGTV/R/900/50-600