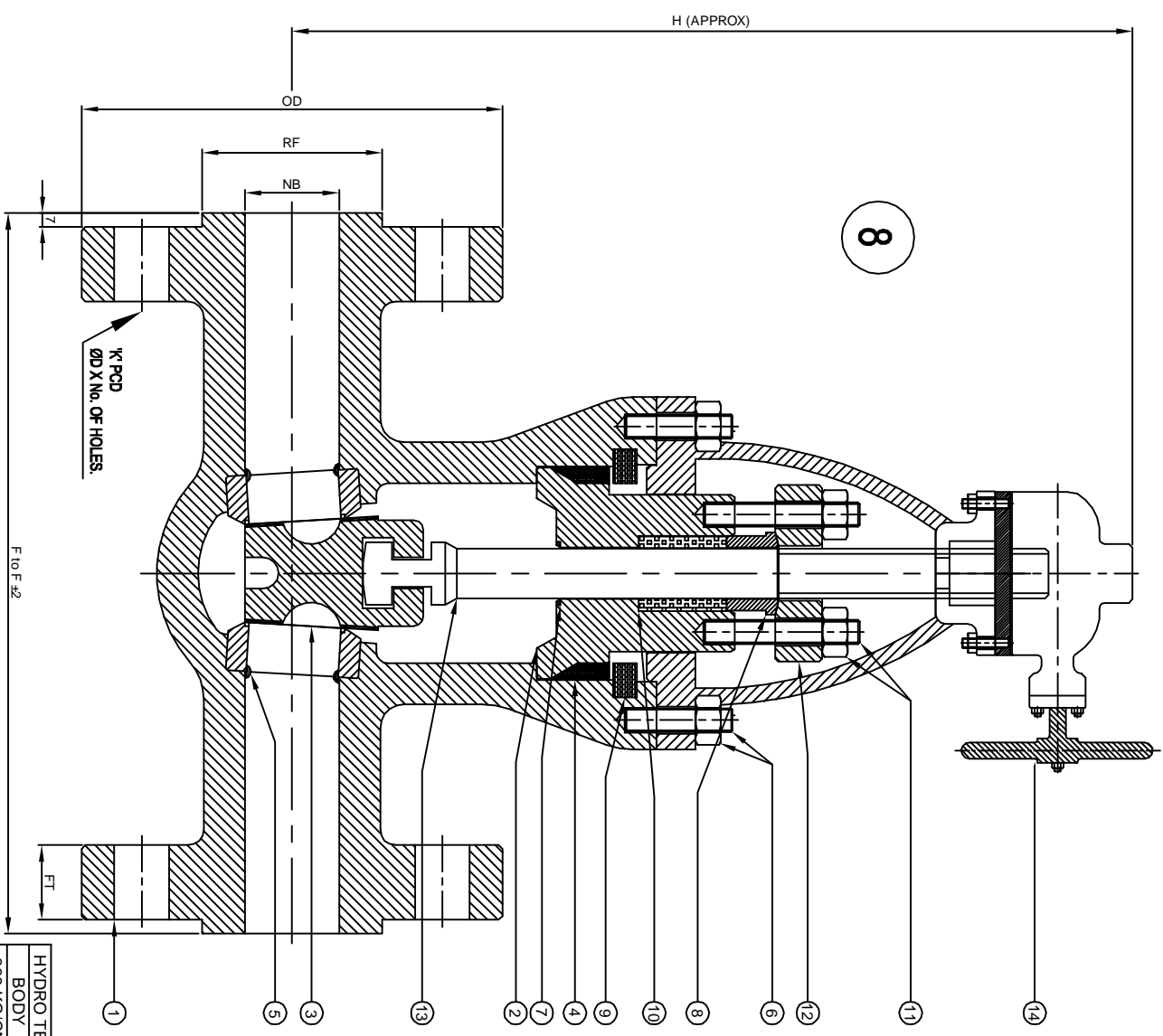


NOTE :-  
100mm AND BELOW WILL BE PROVIDED WITHOUT  
GEAR BOX.

8




P.NO.	PART NAME	MATERIAL
1	BODY	CAST STEEL
2	BONNET	ASTM A-216 Gr. WCB
3	WEDGE	ASTM A-216 Gr. WCB
4	GASKET	A 216 WCB with 13% Cr. STEEL FACING 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	ASTM A 193 Gr. B7 / A 194 Gr. 2H
9	SEGMENTAL RING	F 6
10	GLAND PACKING	GRAPHITED LUBRICATED NON ASBESTOS WATER LUBRICATED NON ASBESTOS NON LUBRICATED NON ASBESTOS
11	GLAND BOLTING	ASTM A193 Gr. B7/A194 Gr.2H
12	GLAND FLANGE	CARBON STEEL
13	STEM	ASTM A 193 Gr. B7 / A 194 Gr. 2H
14	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 ØD	RF	H
50mm	47	368	215.9	38.1	165.1	8 X 25.4	92	455
65mm	57	419	245	41.3	190.5	8 X 28.4	105	500
80mm	70	470	265	47.7	203.2	8 X 31.7	127	515
100mm	92	546	310	54	241.3	8 X 34.8	157	700
150mm	136	705	395	82.6	317.5	12 X 38.1	216	985
200mm	178	832	485	92.1	393.7	12 X 44.4	269.7	1200
250mm	222	991	585	108	482.6	12 X 50.8	323.8	1275
300mm	263	1130	675	123.9	571.5	16 X 53.8	381	
350mm	289	1257	750	133.4	635	16 X 60.1	412.8	
400mm	330	1384	825	146.1	704.8	16 X 66.5	469.9	1800
450mm	371	1537	915	162	774.7	16 X 72.8	533.4	
500mm	416	1664	985	177.8	831.8	16 X 79.2	584.2	
600mm	498	1943	1170	203.2	990.6	16 X 91.9	692.1	2700

ENGINEERING DATA	
DESIGN CODE	API 600 / ASME 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: 900#			
BODY	SEAT	BACK SEAT	AIR TEST SEAT
392 KG/CM²	287 KG/CM²	287 KG/CM²	7 KG/CM²

DRN. : B.M.P	 NORFLOW CONTROLS Industrial Valves
CHK. : V.G.P	
APRD. : S.K.P	GATE VALVE FLANGED ENDS, 1500#
DATE: 01.04.19	
SCALE: NTS	DRG NO.: NC/GT/VP/150050-600