



BILL OF MATERIAL

No.	Parts	Materials	Remark
1	BODY	A182-F316/F316L	Marking : F316L
-	SEAT(INTEGRAL)		HF(#6)
2	DISC	A351-CF8M	HF(#6)
3	STEM	A276-316	
4	GASKET	SPW 316/L+Graphite	
5	BONNET	A182-F316/F316L	
6	BONNET BOLT	A193-B8	
7	GLAND PACKING	Flexible Graphite	
8	GLAND BOLT	A193-B8	
9	GLAND	304SS	
10	GLAND FLANGE	304SS	
11	GLAND NUT	A194-8	
12	YOKE BUSH	A582-303	
13	HANDWHEEL	A197	
14	NAME PLATE	Stainless Steel	
15	H/W WASHER	Stainless Steel	
16	H/W NUT	Carbon Steel	

WARREN MODEL 1502HF

D I M E N S I O N (inch)

NPS (inch)	H	L	W	Port Dia. P(Min.)	Ends				Weight (kg)	Q'ty (ea)	Tag No.
					B	C	d1	S			
1/2	5.905	3.622	4.015	0.374	0.855	0.38	1/2NPT	0.5337	2.4	-	
3/4	7.047	4.094	5.078	0.5	1.065	0.50	3/4NPT	0.5457	3.3	-	
1	9.094	5.511	6.141	0.629	1.330	0.50	1 NPT	0.6828	5.8	-	
1 1/2	10.157	5.748	6.141	1.062	1.915	0.50	1 1/2 NPT	0.7235	13.0	-	
2	11.850	8.267	7.874	1.377	2.406	0.62	2 NPT	0.7565	22.0	-	

Design : API 602, BS 5352, ISO 15761, ASME B16.34	
Ends Connection : SWxNPT	
Pressure Test (API 598)	Shell Hydraulic : 5400 psig ( 380 kgf/cm <sup>2</sup> )
	Seat Hydraulic : 3975 psig ( 280 kgf/cm <sup>2</sup> )
	Backseat Hydraulic : 3975 psig ( 280 kgf/cm <sup>2</sup> )

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△	First Issue	-	S.G.CHO	M.H.LEE	H.K.KIM
Rev.	Description	Date	Drawn by	Chk'd by	App'd by
TITLE : CLASS 1500 GLOBE RP BB OS&Y A182-F316L TRIM 316 FHF					
Drawing No.		15B16A16X		Rev.	0