

CLASS
800 & 1500 &
2500#

ivm ENGINEERING
DANILIMDA, AHMEDABAD, GUJ.



TECHNICAL DATA

Manufacturing Std : BS 5352

Testing & Inspection Std : API598

Socket Weld & Threaded: ANSI B 16.11 / ANSI B1.20.1

Buttweld End : ASME B 16.34 AND B 16.25

800#

SIZE		S/E & S/W
IN.	M.M.	A
1/2"	15	85
3/4"	20	90
1"	25	105
1 1/4"	32	128
1 1/2"	40	128
2"	50	142

1500#

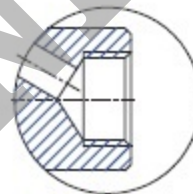
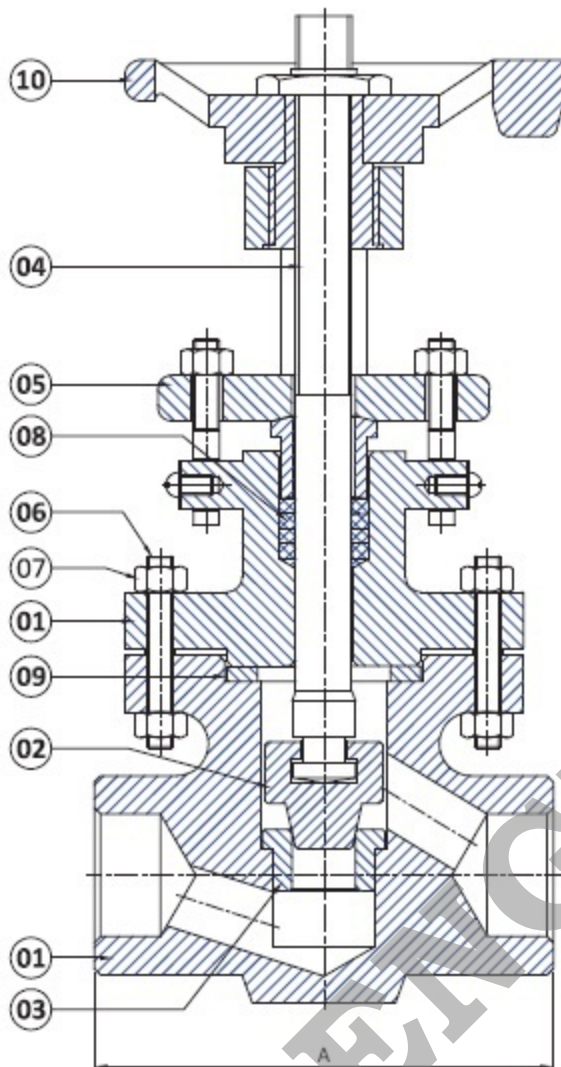
SIZE		S/E & S/W
IN.	M.M.	A
1/2"	15	90
3/4"	20	110
1"	25	127
1 1/2"	40	180
2"	50	210

2500#

SIZE		S/E & S/W
IN.	M.M.	A
1/2"	15	150
3/4"	20	150
1"	25	210
1 1/2"	40	230
2"	50	230

PRIMARY SERVICE RATING & TEST PRESSURE		
CLASS	HYD. TEST PRESS.	SEAT
800	3000 PSIG	2000 PSIG
1500	5400 PSIG	4000 PSIG
2500	9000 PSIG	6000 PSIG

AIR TEST OF SEAT AT 100PSIG



Screwed End Connection

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●		

Part No.	Part Name	A 105	LF2	LF3	F304	F316	F11	F22
01	Body & Bonnet	ASTM A 105	A 350 Gr. LF2	A 350 Gr. LF3	A 182 F304	A 182 F316	A 182 Gr. F11	A 182 Gr. F22
02	Disc	ASTM A 105	A 350 Gr. LF2	A 350 Gr. LF3	A 182 F304	A 182 F316	A 182 Gr. F11	A 182 Gr. F22
03	Seat Ring	A182 Gr.F6a	A182 Gr.F6a	A182 Gr.F6a	A 276-304	A 276-316	A 276-410	A 276-410
04	Stem	A 276-410	A 276-410	A 276-410	A 276-304	A 276-316	A 276-410	A 276-410
05	Gland Flange	A 216 WCB	A 216 WCB	A 216 WCB	A 351Gr.CF8	A 351Gr.CF8M	A 216 WCB	A 216 WCB
06	Bolts	A 193 B7	A 320 L7	A 320 L7	A 193 B8	A 193 B8	A 193 B16	A 193 B16
07	Nuts	A 193 B7	A 320 L7	A 320 L7	A 193 B8	A 193 B8	A 193 B16	A 193 B16
08	Packing	Graphoil Rings						
09	Gasket	S.S.304/S.S.316 Spiral Wound Gasket with Grafoil Filler						
10	Hand Wheel	Ductile or Malleable Iron						

Also Available

1. Forging in F304L, F316L, F5, F91, F6, F9 also provided against Requirement
2. Trim Material
3. Special Features Like Stellite

ALL DIMENSION ARE IN MM

NOTES:
ALL DIMENSION IN ARE MM.
IF YOU HAVE ANY QUERY OR DOUBT THEN ASK,
DIMENSIONS IN BOX ARE CRITICAL FOR ACCEPTANCE AND PERFORMANCE.