

TECHNICAL DATA

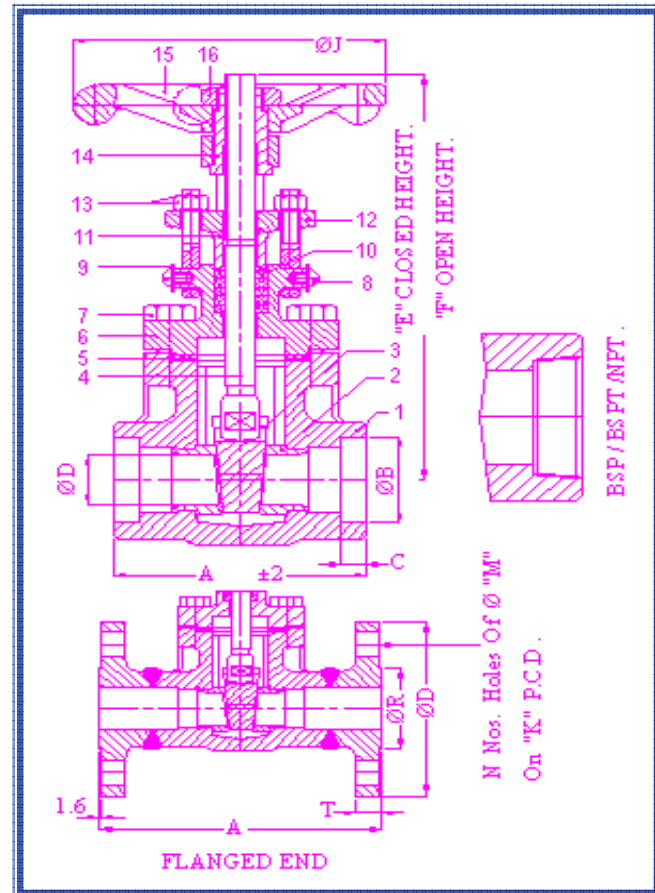
Manufacturing Standard : API 602
 Testing Standard : API 598 / BS 5146
 Socket weld & Threaded to: ANSI B 16.11 / ANSI B2.1
 Flanges to : ANSI B 16.5
 Face to Face to : ANSI B 16.10

ENGINEERING OPTIONS:

1) Stellite is done on Seat ring & Wedge if required.

LIST OF MATERIALS

Sr.	Item	Qty.	Material
1	Body	1	A - 105
			A - 182 F / 304
2	Seat ring	2	A - 182 F / 316
			AISI - 410
			AISI - 304(Integral)
3	Wedge	1	AISI - 316(Integral)
			AISI - 410 / CA - 15
			AISI - 304 / CF8
4	Spindle	1	AISI - 316 / CF8M
			AISI - 410
			AISI - 304
5	Gasket	1	Spiral Wound SS 304
			With CAF Filler
6	Bonnet	1	A - 105
			A - 182 F / 304
7	Bonnet Bolt	4	A - 182 F / 316
			A 193 Gr . B7
8	Screw	2	Carbon Steel
9	Washer	2	Carbon Steel
10	Gland Packing	MIN. 6	Metallic wire
			Reinforced asbestos.
11	Gland Bush	1	AISI - 410
			AISI - 304
			AISI - 316
12	Gland Flange	1	AISI - 105
			AISI - 304
13	Eye bolt & Nut	2	Carbon Steel
			AISI - 304
14	Yoke Sleeve	1	Ni - Resist
15	Hand Wheel	1	M.I / C.I
16	Hand Wheel nut	1	Carbon Steel



SOCKET WELD END

SIZE	A	B	C	D	E	F	J
15	87	21.7	9.5	9.5	155	169	85
20	90	27.1	12.7	12.7	157	174	85
25	105	33.78	12.7	17.5	172	194	90
32	128	42.57	12.7	23.8	234	262	145
40	128	48.64	12.7	28.6	234	267	145
50	142	61.11	16	36.5	236	277	145

ASA - 150

SIZE	A	D	R	T	K	N	M
15	108	89	35	11	60	4	16
20	118	98	43	11	70	4	16
25	127	108	51	11	79	4	16
32	140	118	63	13	89	4	16
40	165	127	73	14	98	4	16
50	178	152	92	16	121	4	19

ASA - 300

SIZE	A	D	R	T	K	N	M
15	140	95	35	14	67	4	16
20	152	118	43	16	83	4	19
25	165	124	51	17.5	89	4	19
32	178	133	63	19	98	4	19
40	191	155	73	21	114	4	22
50	216	165	92	22	127	8	19

TEST PRESSURE (P S I G)

CLASS	BODY	SEAT	SEAT AIR
800	3000	2000	100
150	443	314	100
300	1114	814	100

All Dimensions are in M.M