



DN	d	d1	L	L1	H	W	Torque (N-M)	Weight (kg)
8	7.5	14.2	79	10	157	100	40	2.1
10	10	17.6	79	10	157	100	40	2.1
15	13	21.8	79	10	157	100	40	2
20	13	27.2	92	13	157	100	45	2.2
25	18	33.9	111	13	185	120	55	3.5
32	24	42.7	120	13	226	160	70	5.3
40	29	48.8	120	13	241	160	90	6.4
50	36.5	61.2	140	16.5	273	220	110	9.3

unit:mm

NPS	d	d1	L	L1	H	W	Torque (in-lb)	Weight (lb)
1/4"	0.3	0.56	3.11	0.39	6.18	3.94	354	4.6
3/8"	0.39	0.69	3.11	0.39	6.18	3.94	354	4.6
1/2"	0.51	0.86	3.11	0.39	6.18	3.94	354	4.4
3/4"	0.51	1.07	3.62	0.51	6.18	3.94	398.3	4.9
1"	0.71	1.33	4.37	0.51	7.28	4.72	486.8	7.7
1-1/4"	0.94	1.68	4.72	0.51	8.9	6.3	619.5	11.7
1-1/2"	1.14	1.92	4.72	0.51	9.49	6.3	796.6	14.1
2"	1.44	2.41	5.51	0.65	10.75	8.66	973.6	20.5

unit:in

ITEM	PARTS	MATERIAL
1	BODY	ASTM A182-F316
2	WEDGE	ASTM A276-316
3	SEAT RING	ASTM A276-316+STELLITE
4	STEM	ASTM A276-316
5	GASKET	316+ GRAPHITE
6	BOLT	ASTM A193-B8M
7	BONNET	ASTM A182-F316
8	PACKING	GRAPHITE
9	EYE BOLT	ASTM A193-B8M
10	PIN	
11	GLAND	ASTM A276-316
12	GLAND FLANGE	ASTM A182-F316
13	NUT	ASTM A194-8M
14	STEM NUT	
15	WASHER	ASTM A276-410
16	NAMEPLATE	ALUMINUM
17	HANDWHEEL NUT	ASTM A108-1020
18	HANDWHEEL	ASTM A197

FEATURE :  
 - Basic design : API 602 & ASME B16.34  
 - Test standard : API 598  
 - Socket weld dimension : ASME B16.11

Revision	Description	Date	Approve
1	Revised material & torque	2/23/2016	Ray
2	Add weight	2/23/2016	Ray

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JFW INDUSTRIES, INC.

CHECK BY	DRAWING BY	DATE	SPECIFICATION	Forged Type Socket Weld End Gate Valve Class 800
	<i>Sammy</i>	Feb.23.2016	MATERIAL	F 316
			PROCESS/Nr.	
			UNIT / SCALE	M/M

DRAWING NO.

GT-800-SW -16