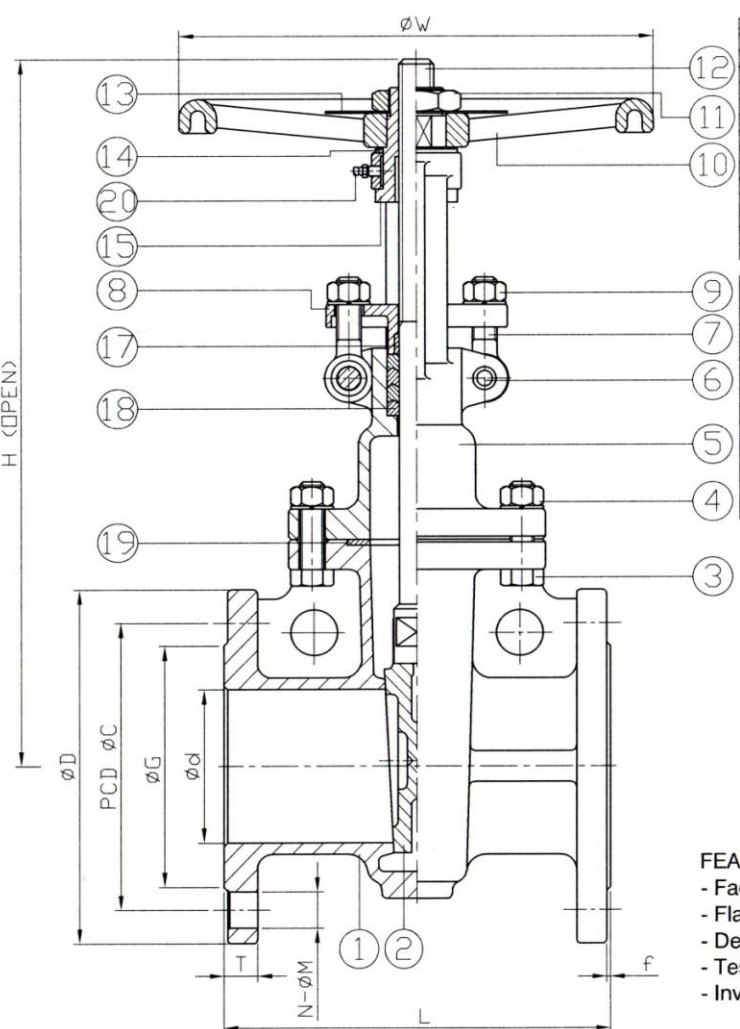


GENERAL TOLERANCE  
 0.5-5 ±0.1  
 6-30 ±0.2  
 31-120 ±0.3  
 121-1000 ±0.8

JFW INDUSTRIES, INC.  
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DN	d	G	C	D	L	H	W	T	f	N	M	Torque (N-M)	Weight (kg)
15	15	35	60.5	89	108	190	120	11.1	1.6	4	16	45.5	3.4
20	20	43	70	98	117	195	120	11.1	1.6	4	16	58.5	3.6
25	25	51	79.5	108	127	234	120	11.1	1.6	4	16	65	4.8
32	32	64	89.5	117	140	297	200	12.7	1.6	4	16	110.5	7.5
40	40	73	98.5	127	165	300	200	14.3	1.6	4	16	117	8.3
50	50	92	120.5	152	178	331	200	15.9	1.6	4	19	130	11.4
65	65	105	139.5	178	190	393	200	17.5	1.6	4	19	143	15.8
80	80	127	152.5	190	203	470	250	19.1	1.6	4	19	156	22
100	100	157	190.5	229	229	545	250	23.9	1.6	8	19	162.5	34.7
125	125	186	216	254	254	640	300	23.9	1.6	8	22	221	47.6
150	150	216	241.5	279	267	740	300	25.4	1.6	8	22	286	54.1
200	200	270	298.5	343	292	910	350	28.6	1.6	8	22	364	89.7
250	250	324	362	406	330	1097	400	30.2	1.6	12	25	442	142.3
300	300	381	432	483	356	1285	400	31.8	1.6	12	25	624	211.4

NPS	d	G	C	D	L	H	W	T	f	N	M	Torque (in-lb)	Weight (lb)
1/2"	0.59	1.38	2.38	3.5	4.25	7.48	4.72	0.44	0.06	4	0.63	402.7	7.5
3/4"	0.79	1.69	2.76	3.86	4.61	7.68	4.72	0.44	0.06	4	0.63	517.8	7.9
1"	0.98	2.01	3.13	4.25	5	9.21	4.72	0.44	0.06	4	0.63	575.3	10.5
1-1/4"	1.26	2.52	3.52	4.61	5.51	11.69	7.87	0.5	0.06	4	0.63	978	16.5
1-1/2"	1.57	2.87	3.88	5	6.5	11.81	7.87	0.56	0.06	4	0.63	1035.5	18.2
2"	1.97	3.62	4.74	5.98	7.01	13.03	7.87	0.63	0.06	4	0.75	1150.6	25.1
2-1/2"	2.56	4.13	5.49	7.01	7.48	15.47	7.87	0.69	0.06	4	0.75	1265.7	34.8
3"	3.15	5	6	7.48	7.99	18.5	9.84	0.75	0.06	4	0.75	1380.7	48.4
4"	3.94	6.18	7.5	9.02	9.02	21.46	9.84	0.94	0.06	8	0.75	1438.2	76.6
5"	4.92	7.32	8.5	10	10	25.2	11.81	0.94	0.06	8	0.87	1956	104.9
6"	5.91	8.5	9.51	10.98	10.51	29.13	11.81	1	0.06	8	0.87	2531.3	119.2
8"	7.87	10.63	11.75	13.5	11.5	35.83	13.78	1.13	0.06	8	0.87	3221.7	197.7
10"	9.84	12.76	14.25	15.98	12.99	43.19	15.75	1.19	0.06	12	0.98	3912	313.7
12"	11.81	15	17.01	19.02	14.02	50.59	15.75	1.25	0.06	12	0.98	5522.8	466.1

unit:mm  
unit:lb

- FEATURES :
- Face to face dimensions : ASME B16.10
  - Flange end dimensions : ASME B16.5
  - Design : ASME B16.34
  - Test : API 598
  - Investment casting body

ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M
2	DISC	ASTM A351-CF8M
3	BOLT	SUS 304
4	NUT	SUS 304
5	BONNET	ASTM A351-CF8M
6	HINGE PIN	SUS 304
7	EYE BOLT	SUS 316
8	GLAND	ASTM A351-CF8
9	NUT	SUS 304
10	HANDWHEEL	FCD
11	NUT	BRONZE
12	STEM	SUS 316
13	NAME PLATE	SUS 304
14	GASKET	BRONZE
15	YOKE SLEEVE	PTFE
16	SPRING WASHER	SUS 304
17	STEM BUSHING	PTFE
18	PACKING	PTFE
19	GASKET	PTFE / 304+ GRAPHITE
20	GREASE NIPPLE	SUS 304

\* 5"UP GASKET : 304+ GRAPHITE

JFW INDUSTRIES, INC.

CHECK BY	DRAWING BY	DATE	SPECIFICATION
	<i>Sammy</i>	Feb.24.2016	Flanged End Gate Valve Class 150
			MATERIAL: CF8M
			PROCESS/Nr.
			UNIT / SCALE: MM

△	Add torque & weight	02/24/2016	Ray
△	Revise dimension & material	02/24/2016	Ray
Revise	Description	Date	Approve
DRAWING NO. GT-150 -16			