



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:in

SIZE	Cv (USgal/min)
1/2"	26
3/4"	50
1"	80
1-1/4"	210
1-1/2"	300
2"	360
2-1/2"	630
3"	1150
4"	2150
5"	3000
6"	4150
8"	5250
10"	6700
12"	9925

ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M
2	DISC	
3	BOLT	SUS 304
4	NUT	
5	BONNET	ASTM A351-CF8M
6	HINGE PIN	SUS 304
7	EYE BOLT	
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	
16	SPRING WASHER	SUS 304
17	STEM BUSHING	PTFE
18	PACKING	
19	GASKET	PTFE / 304+GRAPHITE
20	GREASE NIPPLE	SUS 304

* 5"UP GASKET : 304+GRAPHITE

FEATURES :

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

△	Remove DN dimension	08/10/2022	Ray
△	Add Cv	03/09/2016	Ray
△	Add torque & weight	02/24/2016	Ray
△	Revise dimension & material	02/24/2016	Ray
Revise	Description	Date	Approve

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JFW INDUSTRIES, INC.

CHECK BY	DRAWING BY	DATE	SPECIFICATION	Flanged End Gate Valve Class 150
	<i>Yuan</i>	Aug.10.2022	MATERIAL	CF8M
			PROCESS/Nr.	
			UNIT / SCALE	mm

DRAWING NO. **GT-150**