



**20 in. Carbon Steel, Cast Gate Valve.  
 Class 150 Rating, Flanged Connection 8  
 (CR13/HF) Trim, Outside Stem & Yoke  
 (OSY)**

<u>Item No.</u>	M100117	<u>UOM</u>	EA
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**Specifications**

Type	Gate Valve
Item Remarks	Outside Stem & Yoke (OSY)
Size	20 in.
Material	Steel
Material Grade	Carbon Steel, Cast
Trim	TRIM 8 (CR13/HF)
Pressure Class	Class 150
Connection	Flanged
Specification	ANSI B16.5
Market	Commercial

Product URL: <https://torksystems.com/M100117>

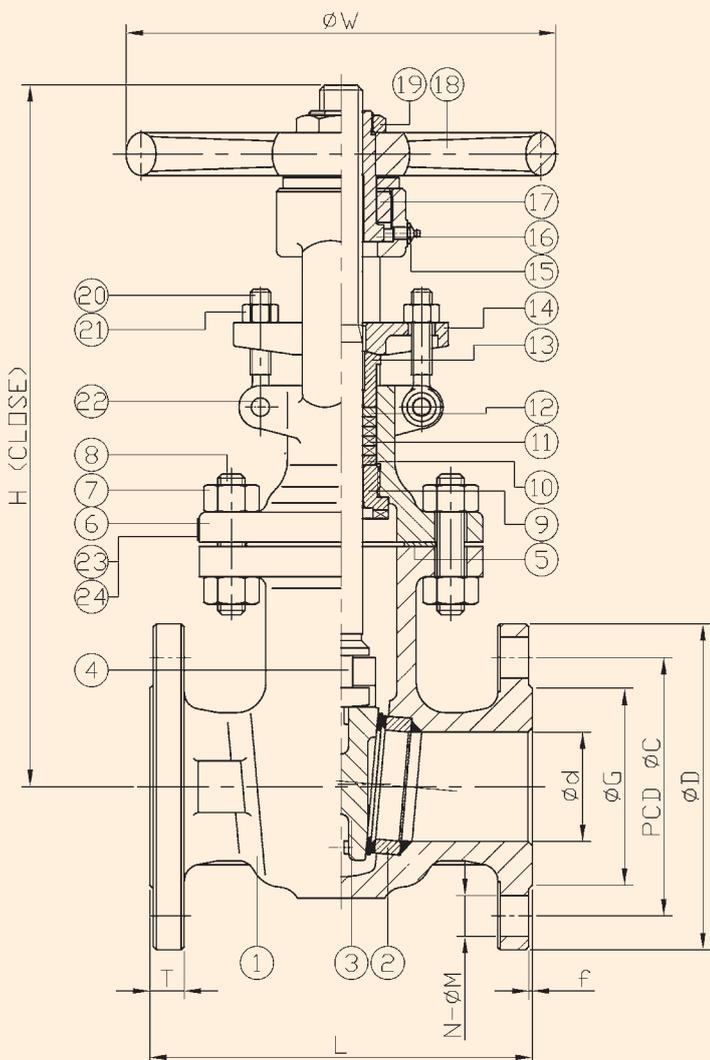


# OVC# CS150GT

## Class 150 Carbon Steel Gate Valve

### Features

- Face to face dimensions: ASME B16.10
- Flange end dimensions: ASME B16.5
- Test: API 598
- Design: API 600



NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT RING	ASTM A105+STL#6
3	WEDGE	ASTM A216-WCB+Cr13
4	STEM	ASTM A182-F6a
5	GASKET	SS 304 + GRAPHITE
6	BONNET	ASTM A216-WCB
7	NUT	ASTM A194-2H
8	STUD	ASTM A193-B7
9	BACK SEAT	ASTM A276-410
10	PACKING A	GRAPHITE
11	PACKING B	GRAPHITE
12	PACKING C	GRAPHITE
13	GLAND	ASTM A276-410
14	GLAND FLANGE	ASTM A216-WCB
15	GREASE FITTING	CARBON STEEL
16	STEM BUSHING	ASTM A439 D-2
17	RETAINING NUT	ASTM A29-1025
18	HANDWHEEL	DUCTILE IRON
19	NUT	ASTM A29-1025
20	EYE BOLT	ASTM A193-B7
21	NUT	ASTM A194-2H
22	PIN	ASTM A29-1025
23	NAMEPLATE	SS 304
24	RIVET	SS 304

NPS	d	G	C	D	L	H	W	T	f	M	N	Weight (lb)
2"	2	3.62	4.74	5.98	7	12.68	7.87	0.63	0.06	0.75	4	44.1
2-1/2"	2.5	4.13	5.49	7.01	7.5	13.94	7.87	0.71	0.06	0.75	4	72.8
3"	3	5	6	7.48	8	15.39	9.84	0.75	0.06	0.75	4	79.4
4"	4	6.18	7.5	9.02	9	18.31	9.84	0.94	0.06	0.75	8	116.8
5"	5	7.32	8.5	10	10	20.28	11.81	0.98	0.06	0.75	8	165.3
6"	6	8.5	9.51	10.98	10.5	23.23	11.81	1.02	0.06	0.87	8	187.4
8"	8	10.63	11.75	13.5	11.5	28.7	13.78	1.14	0.06	0.87	8	299.8
10"	10	12.76	14.25	15.98	13	34.21	15.75	1.22	0.06	0.98	12	440.9
12"	12	15	17.01	19.02	14	39.88	17.72	1.26	0.06	0.98	12	712.1

\* Other sizes available upon request.

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