

# 105U UL/FM Cast Iron Gate Valve • Spec Sheet



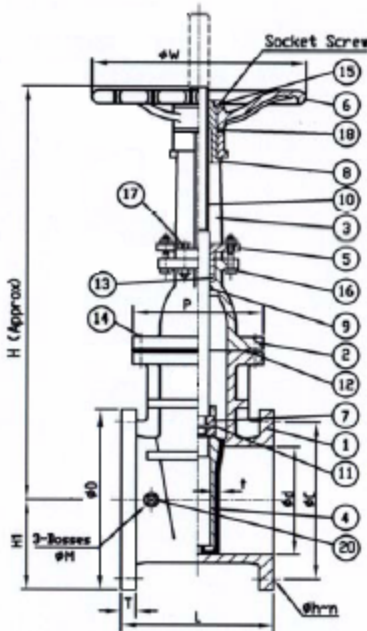
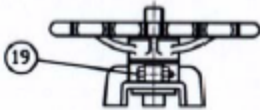
## FEATURES & BENEFITS

- Gate Valve - Flanged Ends
- 175 CWP – Max. Temp. 140 Deg. F.
- 3 Bosses With 1 Tapped & Plugged
- Fusion Bonded Epoxy Coating
- Outside Stem & Yoke (OS&Y) Rising Stem
- Resilient Wedge
- Sizes 2-1/2" – 12"
- Flanges Conforms With ANSI B16.1
- ISO-9002
- UL Listed / FM Approved
- N.Y.C Approved (MEA257)
- USC Approved
- Conforms With UL262
- ASTM 126 Class B

## DIMENSIONS & WEIGHTS

Size (d)	L	ØD	ØC	Øh	n	T	ØS	H	H1	ØW	ØM	t	P	Approx. WT. LBS
2.5"	7.5	7	5.5	0.75	4	0.69	1	13.12	3.51	7.09	1/2 pt	3	5.63	50
3"	8	7.5	6	0.75	4	0.75	1	15.05	3.76	7.09	1/2 pt	3	5.99	64
4"	9	9	7.5	0.75	8	0.94	1.13	18.68	4.51	9.85	1/2 pt	4	6.42	96
6"	10.5	11	9.5	0.87	8	1.00	1.25	24.94	5.5	11.82	3/4 pt	4	7.72	162
8"	11.5	13.5	11.75	0.87	8	1.13	1.38	31.01	6.76	13.59	3/4 pt	4	8.94	280
10"	13	16	14.25	1	12	1.19	1.73	38.1	8	16.04	1 pt	4	9.53	457
12"	14	19	17	1	12	1.25	1.73	43.5	9.52	17.73	1 pt	6	11.13	737

**Applications:** Potable Water Systems, Backflow Isolation Valves, Fireline Loops



## MATERIAL SPECIFICATIONS

No.	Part	Material	ASTM Designation
1	Body	Cast Iron	A 126 Class B
2	Bonnet	Cast Iron	A 126 Class B
3	Yoke	Cast Iron	A 126 Class B
4	Disc	Cast Iron & Rubber (BUNA-N)	A 126 Class B
5	Gland	Cast Iron	A 126 Class B
6	Hand Wheel	Cast Iron	A 126 Class B
7	Stem Nut	Bronze	B 62
8	Yoke Sleeve	Bronze	B 62
9	O-Ring D	Rubber (BUNA-N)	D 2000 AA 6014
10	Stem	Bronze	B21
11	Roll Pin	Stainless Steel	A 276 Type 304
12	Bonnet Gasket	Rubber (NR)	D 2000 AA 6014
13	Packing	Carbonized Fiber	D 4102
14	Bonnet Bolt & Nut	Steel	A 307 Grade B
15	Hand Wheel Nut	Galvanized Steel	A 307 Grade B
16	Gland Bolt & Nut	Steel	A 307 Grade B
17	Yoke Bonnet Bolt & Nut	Steel	A 307 Grade B
18	Hand Wheel Washer	Bronze	B 62
19	Yoke Bolt & Nut	Steel	A 307 Grade B
20	Plug	Malleable Iron	A 47

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**CALIFORNIA** 5593 Fresca Dr., La Palma CA 90623 • Toll Free: 866-532-8306 • Fax: 866-532-8307  
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