

105U UL/FM Cast Iron Gate Valve

Specification Sheet

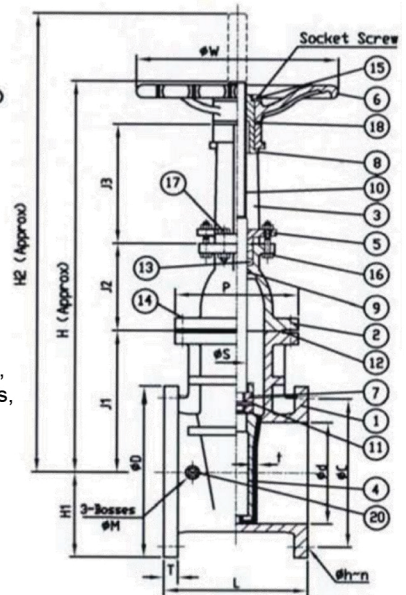
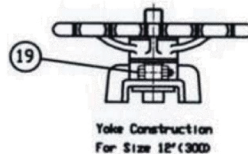
FEATURE & BENEFITS

- 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



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 & D 2000 BK7
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	Rubber (Buna N) D 2000 BK 707
10	Stem	Bronze B 21
11	Roll Pin	Stainless Steel A 276 Type 304
12	Bonnet Gasket	Rubber (Buna N) D 2000 BK 707
13	Packing	PTFE Impregnated Braided
14	Bonnet Bolt & Nut	Galvanized Steel A 307 Grade B
15	Hand Wheel Nut	Galvanized Steel A 307 Grade B
16	Gland Bolt & Nut	Galvanized Steel A 307 Grade B
17	Yoke Bonnet Bolt & Nut	Galvanized Steel A 307 Grade B
18	Hand Wheel Washer	Brass B21
19	Yoke Bolt & Nut	Galvanized Steel A 307 Grade B
20	Plug	Malleable Iron A47



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

DIMENSIONS

Part #	Size	L	Ød	ØC	Øh	n	T	H	H1	H2	ØW	ØS	ØM	t	J1	J2	J3	No. of Turns	CV Factor	Weight (lbs)
105U09	2-1/2	7.49	7.01	5.52	0.75	4	0.69	13.24	3.51	15.88	7.09	1.00	1/2" PT.	3	4.73	2.44	3.94	5.63	500	49.6
105U10	3	8.00	7.53	5.99	0.75	4	0.75	15.52	3.78	18.40	7.09	1.00	1/2" PT.	3	5.12	3.70	4.10	5.99	740	64
105U11	4	9.02	9.02	7.53	0.75	8	0.94	19.11	4.53	22.81	9.85	1.13	1/2" PT.	4	5.79	5.32	5.28	6.42	1310	95.2
105U13	6	10.52	10.99	9.50	0.87	8	1.00	24.94	5.52	29.43	11.82	1.25	1/2" PT.	4	8.35	6.54	7.49	7.72	2950	162
105U14	8	11.50	13.51	11.78	0.87	8	1.13	30.57	6.78	39.08	13.59	1.38	3/4" PT.	4	11.11	7.05	9.38	8.94	5250	280
105U15	10	13.00	16.00	14.26	1.00	12	1.19	38.14	8.00	48.15	16.04	1.73	1" PT.	4	12.73	9.85	11.82	9.53	8220	456.2
105U16	12	14.03	19.03	17.02	1.00	12	1.25	43.77	9.53	55.55	17.73	1.73	1" PT.	6	15.09	10.32	14.58	11.19	11820	737

