

105W Flanged Cast Iron Gate Valve • Spec Sheet

Sizes 3" - 12"



FEATURES & BENEFITS

- ISO-9002
- Gate Valve-Flanged Ends
- 200 CWP-Max. Temp. 140 Deg. F.
- 3 Bosses w/1 Tapped and Plugged
- Outside Stem & Yoke Rising Stem
- Resilient Wedge
- Fusion Bonded Epoxy Coating - AWWA C550
- Meets AWWA C-509 Standard
- Sizes 3" - 12"

Applications:

Water Distribution Service Lines, Potable Water Systems, Sewage Disposal

MATERIAL SPECIFICATIONS

No.	Part	Material	ASTM Designation
1	Body	Cast Iron	A 126 Class B
2	Bonnet	Cast Iron	A 126 Class B
3	Disc	Cast Iron & Rubber (Buna-N)	A 126 Class B & D 2000 BK 707
4	Gland	Ductile Iron	A 536 Gr. 65-45-12
5	Hand Wheel	Cast Iron	A 126 Class B
6	Yoke	Cast Iron	A 126 Class B
7	Yoke Sleeve	Brass	B 21
8	Stem Nut	Bronze	B 62
9	Washer A	Brass	B 21
10	Yoke Bolt & Nut	Zinc Coated Steel	A 307 Grade B
11	Gland Bolt	Zinc Coated Steel	A 307 Grade B
12	Gland Nut	Brass	B 21
13	Plug	Malleable Iron	A 47
14	Pin	Stainless Steel	A 276 Type 304
15	Stem	Brass	B 16
16	Bonnet Bolt & Nut	Zinc Coated Steel	A 307 Grade B
17	Hand Wheel Nut	Zinc Coated Steel	A 307 Grade B
18	Washer B	Zinc Coated Steel	A 36
19	Bonnet Gasket	Rubber (Buna-N)	D 2000 BK 707
20	Packing	Braided Packing Synthetic Yarn w/ PTFE	
21	O-Ring	Rubber (Buna-N)	D 2000 BK 707

DIMENSIONS

Size Ød	L	ØD	ØC	Øh	n	T	ØS	H	H1	ØW	Plug Size
3	8	7-1/2	6	3/4	4	3/4	7/8	15.20	3-3/4	7-13/16	1/2 NPT
4	9	9	7-1/2	3/4	8	15/16	1	18.78	4-1/2	9-7/8	1/2 NPT
6	10-1/2	11	9-1/2	7/8	8	1	1-1/8	24.72	5-1/2	11-13/16	3/4 NPT
8	11-1/2	13-1/2	11-3/4	7/8	8	1-1/8	1-1/4	30.55	6-3/4	14	3/4 NPT
10	13	16	14-1/4	1	12	1-3/16	1-1/2	37.36	8	15-3/4	1 NPT
12	14	19	17	1	12	1-1/4	1-1/2	42.72	9-1/2	17-3/4	1 NPT

105W Flanged Cast Iron Gate Valve • Spec Sheet

Sizes 14" - 16"



FEATURES & BENEFITS

- ISO-9002
- Gate Valve-Flanged Ends
- 150 CWP-Max. Temp. 140 Deg. F.
- 3 Bosses w/1 Tapped and Plugged
- Outside Stem & Yoke Rising Stem
- Resilient Wedge
- Fusion Bonded Epoxy Coating - AWWA C550
- Meets AWWA C-509 Standard
- Sizes 14" - 16"

Applications:

Water Distribution Service Lines, Potable Water Systems, Sewage Disposal

MATERIAL SPECIFICATIONS

No.	Part	Material	ASTM Designation
1	Body	Cast Iron	A 126 Class B
2	Bonnet	Cast Iron	A 126 Class B
3	Disc	Cast Iron & Rubber (Buna-N)	A 126 Class B & D 2000 BK 707
4	Gland	Ductile Iron	A 536 Gr. 65-45-12
5	Hand Wheel	Cast Iron	A 126 Class B
6	Yoke	Cast Iron	A 126 Class B
7	Yoke Sleeve	Brass	B 21
8	Bonnet Bushing	Bronze	B 62
9	Gland Bushing	Bronze	B 62
10	Stem Nut	Bronze	B 62
11	Yoke Bolt & Nut	Zinc Coated Steel	A 307 Grade B
12	Gland Bolt	Zinc Coated Steel	A 307 Grade B
13	Gland Nut	Brass	B 21
14	Hand Wheel Washer	Brass	B 21
15	Plug	Malleable Iron	A 47
16	Pin	Stainless Steel	A 276 Type 304
17	Stem	Brass	B 16
18	Bonnet Bolt & Nut	Zinc Coated Steel	A 307 Grade B
19	Hand Wheel Nut	Zinc Coated Steel	A 307 Grade B
20	Washer	Zinc Coated Steel	A 36
21	Bonnet Gasket	Rubber (Buna-N)	D 2000 BK 707
22	Packing	Braided Packing Synthetic Yarn w/ PTFE	

DIMENSIONS

Size	L	ØD	ØC	Øh	n	T	ØS	H	H1	ØW	Plug Size
14	15	21	18-3/4	1-1/8	12	1-3/8	1-1/2	46.19	10-1/2	17-3/4	1 NPT
16	16	23-1/4	21-1/4	1-1/8	16	1-7/16	2	53.27	11-3/4	27-9/16	1 NPT



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