

105U CAST IRON UL/FM OS&Y GATE VALVE

- ❖ Flanged End
- ❖ Resilient Wedge
- ❖ UL/FM Listed
- ❖ Epoxy Coated - Internal & External
- ❖ Rising Stem (OS&Y)

175 NON-SHOCK WOG

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

Conforms with UL262

ASTM 126 Class B

Flanges conform with ANSI B16.1

ISO 9002



DIMENSIONS & WEIGHTS

SIZE INCH (d)	ANSI B16.1 CL. 125				Øh	n	T	ØS	H	H1	ØW	ØM	t	O	P	APPROX. WT. LBS.
	L	ØD	ØC	ØB												
2.5"	7.50	7.00	5.50	.75	4	.69	1.00	13.12	3.51	7.09	1/2 pt	3	6.70	5.63	50	
3"	8.00	7.50	6.00	.75	4	.75	1.00	15.05	3.76	7.09	1/2 pt	3	7.25	5.99	64	
4"	9.00	9.00	7.50	.75	8	.94	1.13	18.68	4.51	9.85	1/2 pt	4	8.79	6.42	96	
6"	10.50	11.00	9.50	.87	8	1.00	1.25	24.94	5.50	11.82	3/4 pt	4	11.35	7.72	162	
8"	11.50	13.50	11.75	.87	8	1.13	1.38	31.01	6.76	13.59	3/4 pt	4	14.14	8.94	280	
10"	13.00	16.00	14.25	1.00	12	1.19	1.73	38.10	8.00	16.04	1 pt	4	16.63	9.53	457	
12"	14.00	19.00	17.00	1.00	12	1.25	1.73	43.50	9.52	17.73	1 pt	6	20.33	11.43	737	



MATERIAL SPECIFICATIONS

NO.	PART	MATERIAL	ASTM DESIGNATION
001	Body	Cast Iron	A 126 Class B
002	Bonnet	Cast Iron	A 126 Class B
003	Disc	Cast Iron & Rubber (Buna-N)	A 126 Class B & D 2000 AA 6014
005	Gland	Cast Iron	A 126 Class B
008	Hand Wheel	Cast Iron	A 126 Class B
011	Yoke	Cast Iron	A 126 Class B
063	Yoke Sleeve	Bronze	B 62
071	Stem Nut	Bronze	B 62
138	Yoke Bonnet Bolt & Nut	Steel	A 307 Grade B
140	Gland Bolt	Steel	A 307 Grade B
145	Gland Nut	Stainless Steel or Brass	A 276 Type 304 or B36
158	Hand Wheel Washer	Bronze	B 62
167	Roll Pin	Stainless Steel	A 276 Type 304
168	Stem	Stainless Steel or Bronze	A 276 Type 304 or B21
174	Bonnet Bolt & Nut	Steel	A 307 Grade B
181	Hand Wheel Nut	Galvanized Steel	A 307 Grade B
212	Grease Screw	Galvanized Steel	
279	Yoke Bolt & Nut	Steel	A 307 Grade B
320	Bonnet Gasket	Rubber (BUNA-N)	D 2000 AA 6014
345	Packing	Carbonized Fiber	D 4102
353	O-Ring D	Rubber (BUNA-N)	D 2000 AA 6014



