

Application

Designed for installation on Potable water lines, Irrigation systems, Waterworks connections, and Fire systems. Manufactured in the USA by Clow Valve Company.

Standards Compliance

- AWWA Compliant C-509, C-550
- UL ® Classified
- C-UL® Classified
- FM® Approved
- NSF® Listed, NSF/ANSI 61, Annex G (4" - 10")
- 51%, Buy American Act Compliant

Materials

Main body	Ductile Iron ASTM A 536 Grade 4
& Handwheel	Gray Iron ASTM A126 class B or C
Covers	Gray Iron ASTM A126 class B or C
Wedge	Gray Iron ASTM A126 class B with Polyurethane rubber coating
Coatings	AWWA Compliant fusion-bond polyester finish
Internals	Stainless steel ASTM A 276 UNS S30400, S30500 or S31600 and Delrin, NSF Listed
Fasteners	Zinc plated steel ASTM A 307 Grade B Brass, ASTM B 584 UNS 836
Elastomers	Buna Nitrile (FDA approved)
Stem	Brass, ASTM A 763 UNS 867

Features

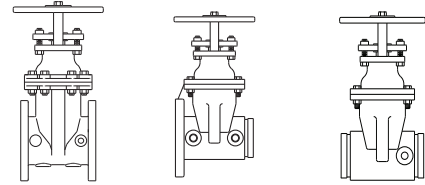
Sizes:	2 1/2", 3", 4", 6", 8", 10", 12"	
Maximum working water pressure	200 PSI	
Maximum working water temperature	140°F	
Hydrostatic test pressure	400 PSI	
End connections	(Grooved for steel pipe)	ANSI/AWWA C606
	(Flanged)	ANSI/ASME B16.1

Dimensions & Weights (do not include pkg.)

SIZE		DIMENSIONS (approximate)													
		A (all gates)		B (flanged)		C (flanged gates)		D (NRS gates)		D (OS&Y open)		D (OS&Y closed)		E	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
2 1/2	65	7 1/2	191	7	178	11/16	17	11 3/8	289	16 3/8	416	13 7/8	352	7 1/4	184
3	80	8	203	7 1/2	191	3/4	19	12 3/8	314	18 7/8	479	15 5/8	397	10	254
4	100	9	229	9	229	15/16	24	14 3/4	375	22 3/4	578	18 1/4	464	10	254
6	150	10 1/2	267	11	279	1	25	19	483	30 1/8	765	23 3/4	603	12	305
8	200	11 1/2	292	13 1/2	343	1 1/8	29	22 1/2	572	37 3/4	959	29 1/4	743	14	356
10	250	13	330	16	406	1 3/16	30	26 1/2	673	45 3/4	1162	35 3/8	899	18	457
12	300	14	356	19	483	1 1/4	32	30	762	53 1/8	1349	40 5/8	1032	18	457

SIZE		TAP SIZE	BOLTS (flanged gates)		WEIGHT (approximate)											
					NRS (FXF)		NRS (GXF)		NRS (GXG)		OS&Y (FXF)		OS&Y (GXF)		OS&Y (GXG)	
in.	mm		# OF (per flange)	size	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg
2 1/2	65	1/2-14NPT	4	5/8	51	23	47	21	43	20	55	25	51	23	47	21
3	80	1/2-14NPT	4	5/8	62	28	57	26	52	24	65	30	60	27	55	25
4	100	1/2-14NPT	8	5/8	90	41	72	33	59	27	95	43	77	35	64	29
6	150	3/4-14NPT	8	3/4	142	65	110	50	95	43	150	68	118	54	103	47
8	200	3/4-14NPT	8	3/4	226	103	158	72	137	62	238	108	170	77	149	68
10	250	3/4-14NPT	12	7/8	380	173	292	132	231	105	409	186	321	146	260	118
12	300	3/4-14NPT	12	7/8	523	237	n/a	n/a	n/a	n/a	580	263	n/a	n/a	n/a	n/a

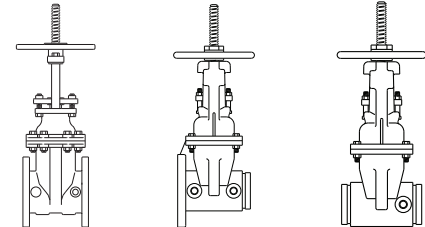
NRS GATES



OS&Y GATES



Certified to NSF/ANSI 61-G



Options

- Square operating nut available
- G grooved end connections
- GxF grooved X flanged end connections
- For Post Indicating Options refer to spec sheet BF-PICLOW

Accessories

- Gate valve tamper switch (OSY-40)
- Flange by Groove adapter (FLA)

