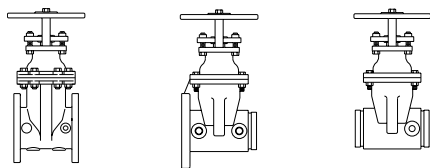
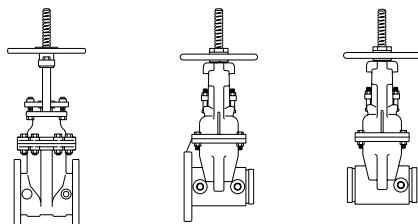


Model 48 Gate Valves

NRS GATES



OS&Y GATES



FEATURES

Sizes: ☐ 2 1/2" ☐ 3" ☐ 4" ☐ 6" ☐ 8" ☐ 10"

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

OPTIONS

- ☐ Square operating nut available
- ☐ G grooved end connections
- ☐ GxF grooved X flanged end connections

ACCESSORIES

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

APPLICATION

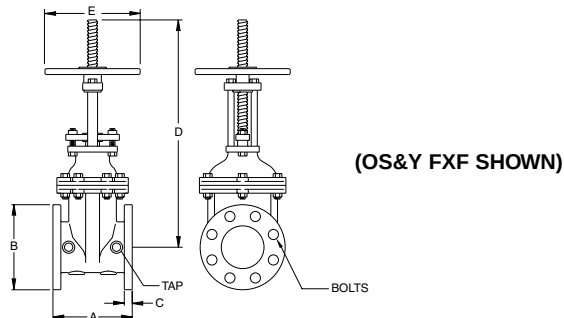
Designed for installation on Potable water lines, Irrigation systems, Waterworks connections, and Fire systems.

STANDARDS COMPLIANCE

- ☐ AWWA Compliant C-509, C-550
- ☐ UL® Classified
- ☐ C-UL® Classified
- ☐ FM® Approved

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



DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE		DIMENSIONS (approximate)													
		A (all gates)		B (flanged ends)		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

SIZE		TAP SIZE	BOLTS (flanged gates) # OF (per flange)		NRS (FXF)		NRS (GXF)		NRS (GXG)		OS&Y (FXF)		OS&Y (GXF)		OS&Y (GXG)	
in.	mm															
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	*		*		238	108	*		*	
10	250	3/4-14NPT	12	7/8	380	173	*		*		409	186	*		*	

* consult factory for information

DOCUMENT NO. **GV-48** REV. **11/00**