

Application

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



Standards Compliance

- AWWA Compliant C515, C-550
- UL® Listed
- C-UL® Listed
- FM® Approved
- Meets the requirements of NSF/ANSI/CAN 61 and 372*

*(LESS THAN 0.25% WEIGHTED AVERAGE LEAD CONTENT)

Materials

Coatings	AWWA C550 compliant fusion-bond epoxy finish (meets the requirements of NSF/ANSI/CAN 61)
Covers	Ductile Iron ASTM A536 65-45-12
Elastomers	EPDM (FDA approved)
Fasteners	Zinc plated steel Grade 8.8
Handwheel	Ductile Iron ASTM A536 65-45-12
Internals	Brass ASTM B584 UNS C83600 Stainless Steel ASTM A276 UNS S41000
Main Body	Ductile Iron ASTM A536 65-45-12
Stems	300 series Stainless Steel
Wedge	Ductile Iron ASTM A536 65-45-12 W/EPDM

Features

Sizes	2-1/2", 3", 4", 6", 8", 10", 12"
Maximum working water pressure	250 PSI
Maximum working water temperature	140°F
Hydrostatic test pressure	500 PSI
End connections (Grooved for steel pipe)	ANSI/AWWA C606
End connections (Flanged bolt pattern)	ANSI/ASME B16.42 Class 150



2-1/2" 48

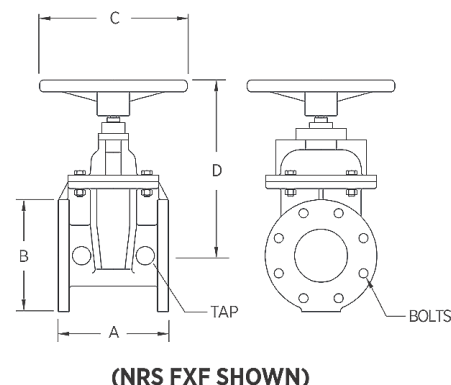
Options (Suffixes can be combined)

 	With flanged end connections (standard)
G	Grooved connections
GXF	Grooved x flanged end connections
PI	Post indicator gate valves
OP	Square operating nut

Dimensions & Weights (do not include pkg.)

SIZE		DIMENSIONS (approximate)							
		A (all gates)		B (flanged)		C		D	
		in.	mm	in.	mm	in.	mm	in.	mm
2 1/2	65	7 1/2	191	7	178	7 7/8	200	11 1/2	292
3	80	8	203	7 1/2	191	10 1/4	260	12 3/4	324
4	100	9	229	9	229	10 1/4	260	14 1/2	368
6	150	10 1/2	267	11	279	12 1/2	318	18	457
8	200	11 1/2	292	13 1/2	343	14 3/4	375	21 1/8	537
10	250	13	330	16	406	16 3/8	416	24 3/4	629
12	300	14	356	19	483	17 1/2	445	28	711

SIZE		TAP SIZE	BOLTS (flanged gates)		WEIGHT (approximate)					
					NRS (FXF)		NRS (GXF)		NRS (GXG)	
			# OF (per flange)	size	lbs.	kg	lbs.	kg	lbs.	kg
2 1/2	65	1/2-14NPT	4	5/8	36	17	31	14	26	12
3	80	1/2-14NPT	4	5/8	49	22	43	20	37	17
4	100	1/2-14NPT	8	5/8	68	31	58	26	48	22
6	150	3/4-14NPT	8	3/4	111	50	99	45	87	40
8	200	3/4-14NPT	8	3/4	174	79	155	70	136	62
10	250	3/4-14NPT	12	7/8	266	121	239	108	212	96
12	300	3/4-14NPT	12	7/8	402	182	Not Available in 12" 48GXF and 12" 48G			



Design and dimensional data (inches and [mm]) are subject to manufacturing tolerances and change without notice.