OUTSIDE SCREW & YOKE GATE VALVE

BRAND NAME	**:**	**NIBCO**
MODEL	**:**	**F-607-RWS**
SIZE	**:**	**2.1/2" - 12" DIA.**
WORKING PRESSURE	**:**	**300 PSI.**
APPROVED	**:**	**UL/FM APPROVED**
CONNECTION	**:**	**FLANGED ENDS**

MATERIAL OF CONSTRUCTION

BODY	**:**	**DUCTILE IRON**
WEDGE	**:**	**DUCTILE IRON**
HANDWHEEL	**:**	**DUCTILE IRON**
STEM	**:**	**STAINLESS STEEL 304**
BONNET	**:**	**DUCTILE IRON**
YOKE	**:**	**DUCTILE IRON**

300 PSI CWP Iron Body Gate Valves

Fire Protection Valve • Outside Screw and Yoke • **Resilient Wedge** • Epoxy Coated Interior/Exterior • Pre-Grooved Stem for Supervisory Switch • Drilled, Tapped and Plugged at Boss Location A**

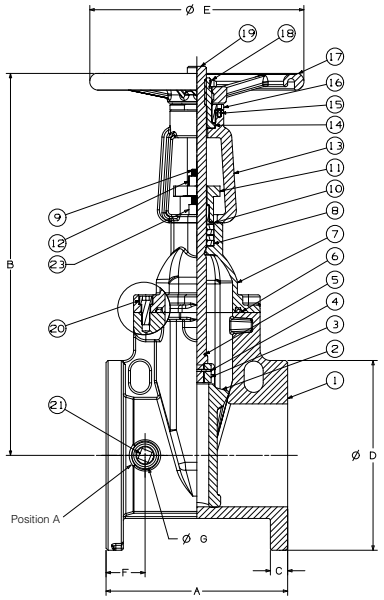
300 PSI/20.6 Bar Non-Shock Cold Working Pressure

UL/ULC LISTED† • FM APPROVED •
CERTIFIED LEAD-FREE* BY IAPMO R&T TO NSF/ANSI 372 •
FLANGE MATING PER ASME B16.1



LOW-LEAD IAPMO R&T ™

F-607-RWS
Flanged



F-607-RWS
Flg x Flg

MATERIAL LIST

	PART	SPECIFICATION
1	Valve Body	Ductile Iron ASTM A536
2	Resilient Wedge	Ductile Iron ASTM A536/EPDM ASTM D2000
3	Wedge Nut	ASTM B584 UNS C83600
4	Dowel Pin	ASTM A276 SS304
5	Stem Back Seat O-Ring	EPDM ASTM D2000
6	Bonnet Gasket	RPDM ASTM D2000
7	Bonnet	Ductile Iron ASTM A536
8	Stem Packing	EPDM ASTM D2000
9	Threaded Rod	Carbon Steel ASTM A307
10	Gland Bushing	ASTM B584 UNS C83600
11	Gland	Ductile Iron ASTM A536
12	Gland Nut	ASTM B16 - H02
13	Yoke	Ductile Iron ASTM A536
14	Yoke Bushing	ASTM B150 C61400
15	Flat Point Set Screw	ASTM F912M
16	Yoke Bushing Retainer	Cast Iron ASTM A126 Class B
17	Handwheel	Ductile Iron ASTM A536
18	Handwheel Nut	Carbon Steel Zinc Plated
19	Stem	Stainless Steel 304
20	Bonnet Screw	ASTM A574M Zinc Plated
21	NPT Pipe Plug	Steel ASME B16.14
22	UL/FM Label (not shown)	Aluminium
23	Yoke Nut	Carbon Steel ASTM A307
24	Drive Screw Label (not shown)	Stainless Steel 304

NOTE: Electrostatically applied fusion-bonded epoxy coated inside and outside per AWWA C-550.

****Drilled, tapped and plugged at Position A with ½" valve sizes 2½"–4", ¾" on 6"–8", 1" on 10"–12".**

† Compliance with the Standard for Gate Valves for Fire Protection Service, UL 262, and the Canadian Requirements, ULC/ORD-C262.

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions																Bolt Circle		Flange	Turns	Weight	
		A		B Open		B Closed		C		D		E		F		G				Holes	To Open		
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.			Lbs.	Kg.
2½	65	7.5	190	17.8	453	14.9	378	0.69	17.5	7.0	178	7.9	200	1.50	38	1.42	36	5.50	140	4	6.3	39	18
3	80	8.0	203	19.7	500	15.9	405	0.75	19.0	7.5	191	7.9	200	1.73	44	1.42	36	6.00	152	4	10.0	44	20
4	100	9.0	229	21.0	534	16.6	422	0.94	24.0	9.0	229	10.2	260	2.13	54	1.42	36	7.50	191	8	10.0	72	33
6	150	10.5	267	29.3	744	22.9	581	1.00	25.4	11.0	279	12.4	315	2.24	57	1.54	39	9.50	241	8	15.0	117	53
8	200	11.5	292	37.0	939	28.5	724	1.13	28.6	13.5	343	14.8	375	2.48	63	1.54	39	11.75	298	8	16.7	198	90
10	250	13.0	330	44.8	1139	34.5	877	1.19	30.2	16.0	406	16.4	416	3.15	80	1.82	46	14.25	362	12	20.8	374	170
12	300	14.0	356	52.2	1326	39.9	1014	1.25	31.8	19.0	483	17.5	445	2.91	74	1.82	46	17.00	432	12	25.0	493	224

c UL LISTED FM APPROVED

*Weighted average lead content ≤ 0.25%

FREEZING WEATHER PRECAUTION: Subsequent to testing a piping system, valves should be left in an open position to allow complete drainage.