



Outside Screw and Yoke (OS&Y) Gate Valve

F607RW

Technical Features

- **Sizes available (Nominal):** DN65/2½", DN80/3", DN100/4", DN150/6", DN200/8", DN250/10" & DN300/12"
- **Working pressure:** 17.2 bar (250 psi)
- **Seat type:** Resilient wedge.
- **Finish:** Electrostatically applied fusion-bonded epoxy coated inside and outside per AWWA C-550.
- **Connections:** ANSI Flanges.
- **Specifications:** Conforms to AWWA C509 & MSS SP-70
- **Features:** Pre-grooved stem for supervisory switch.



Control Valves

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Physical Data

Nominal Pipe Size		Dimensions (mm / inch)								Bolt Circle		Flange Holes	Weights (kg/lbs)	Part Number
Metric	inch	A	B (open)	B (closed)	C	D	E	F	G	mm	inch.			
DN65	2½"	190 / 7.5	453 / 17.8	378 / 14.9	175 / 0.69	178 / 7.0	200 / 7.9	38 / 1.50	40 / 1.60	140	5.50	4	20.0 / 45	F607RW-250
DN80	3"	203 / 8.0	500 / 19.7	405 / 15.9	19.0 / 0.75	191 / 7.5	200 / 7.9	44 / 1.73	54 / 2.10	152	6.00	4	24.0 / 53	F607RW-300
DN100	4"	229 / 9.0	534 / 21.0	422 / 16.6	24.0 / 0.94	229 / 9.0	260 / 10.2	54 / 2.13	54 / 2.10	191	7.50	8	43.0 / 94	F607RW-400
DN150	6"	267 / 10.5	744 / 29.3	581 / 22.9	25.4 / 1.00	279 / 11.0	315 / 12.4	57 / 2.24	64 / 2.50	241	9.50	8	70.0 / 154	F607RW-600
DN200	8"	292 / 11.5	939 / 37.0	724 / 28.5	28.6 / 1.13	343 / 13.5	375 / 14.8	63 / 2.48	70 / 2.80	298	11.75	8	112.0 / 247	F607RW-800
DN250	10"	330 / 13.0	1139 / 44.8	877 / 34.5	30.2 / 1.19	406 / 16.0	416 / 16.4	65 / 2.56	70 / 2.80	362	14.25	12	159.0 / 349	F607RW-1000
DN300	12"	365 / 14.0	1326 / 52.2	1014 / 39.9	31.8 / 1.25	483 / 19.0	445 / 17.5	74 / 2.91	86 / 3.40	432	17.00	12	220.0 / 484	F607RW-1200

F607RW

Materials List

Item	Description	Material	Specification
1	Valve Body	Ductile Iron	ASTM A536
2	Resilient Wedge	Ductile Iron / EPDM	ASTM A536 / ASTM D2000
3	Wedge Nut	Bronze	ASTM B584 UNS C83600
4	Dowel Pin	Stainless Steel	ASTM A267 UNS S42000
5	Stem Back Seat O-Ring	EPDM	ASTM D2000
6	Bonnet Gasket	EPDM	ASTM D2000
7	Bonnet	Ductile Iron	ASTM A536
8	Stem Packing	EPDM	ASTM D2000
9	Threaded Rod	Carbon Steel	Zinc Plated
10	Gland Bushing	Bronze	ASTM B584
11	Gland	Cast Iron	ASTM A126 Class B
12	Gland Nut	Stainless Steel	18-8
13	Yoke Screw	Alloy Steel	ASTM A574M Zinc Plated
14	Yoke	Cast Iron	ASTM A126 Class B
15	Yoke Bushing	Bronze	ASTM B584
16	Flat Point Set Screw	Alloy Steel	ASTM F912M Black Oxide
17	Yoke Bushing Retainer	Cast Iron	ASTM A126 Class B
18	Handwheel	Ductile Iron	ASTM A536
19	Handwheel Nut	Carbon Steel	Zinc Plated
20	Flat Head Screw	Carbon Steel	Zinc Plated
21	Stem	Bronze	ASTM B150 UNS C61400
22	Bonnet Screw	Alloy Steel	ASTM A574M Zinc Plated
23	NPT Pipe Plug	Malleable Iron	ANSI B16.3 (Epoxy Coated)
24	UL/FM Label	Aluminium	

