

UNITED

WATER PRODUCTS

RESILIENT SEAT GATE VALVES AWWA C515 300 PSI



APPROVED



Certified to
NSF/ANSI 61

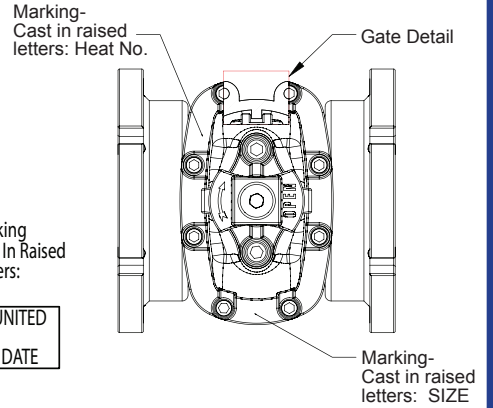
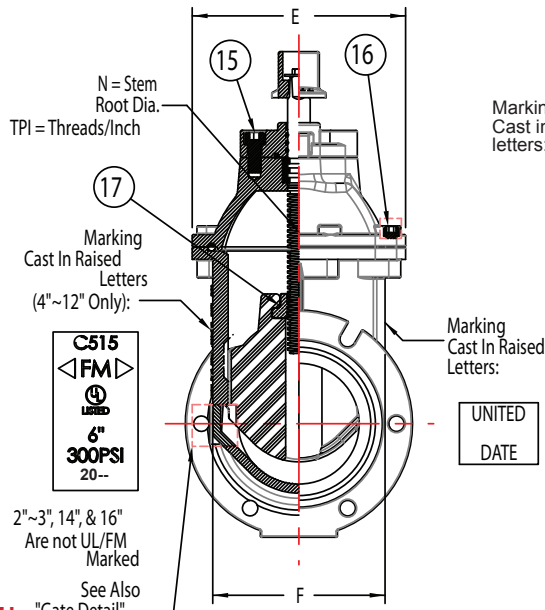
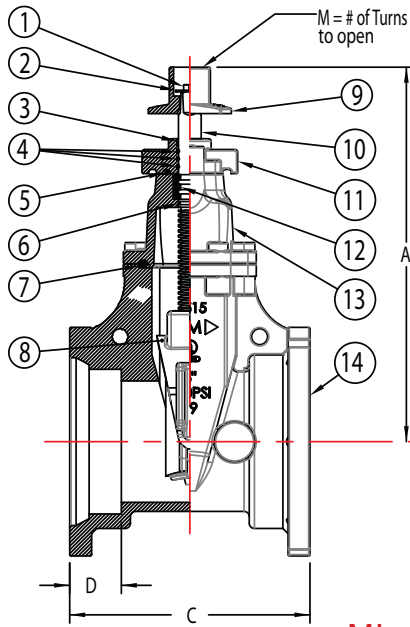
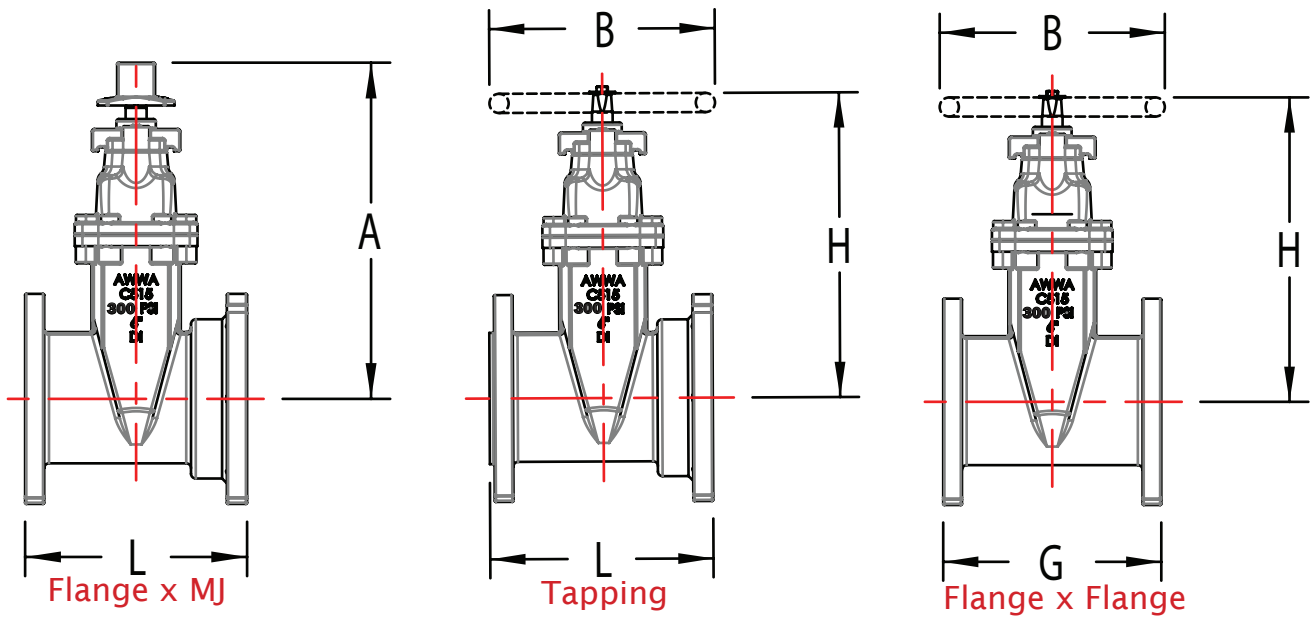


LISTED



MJ x MJ
MJ x Flange
MJ x Tapping Valve
Flange x Flange

AWWA C515 Resilient Seat Gate Valves



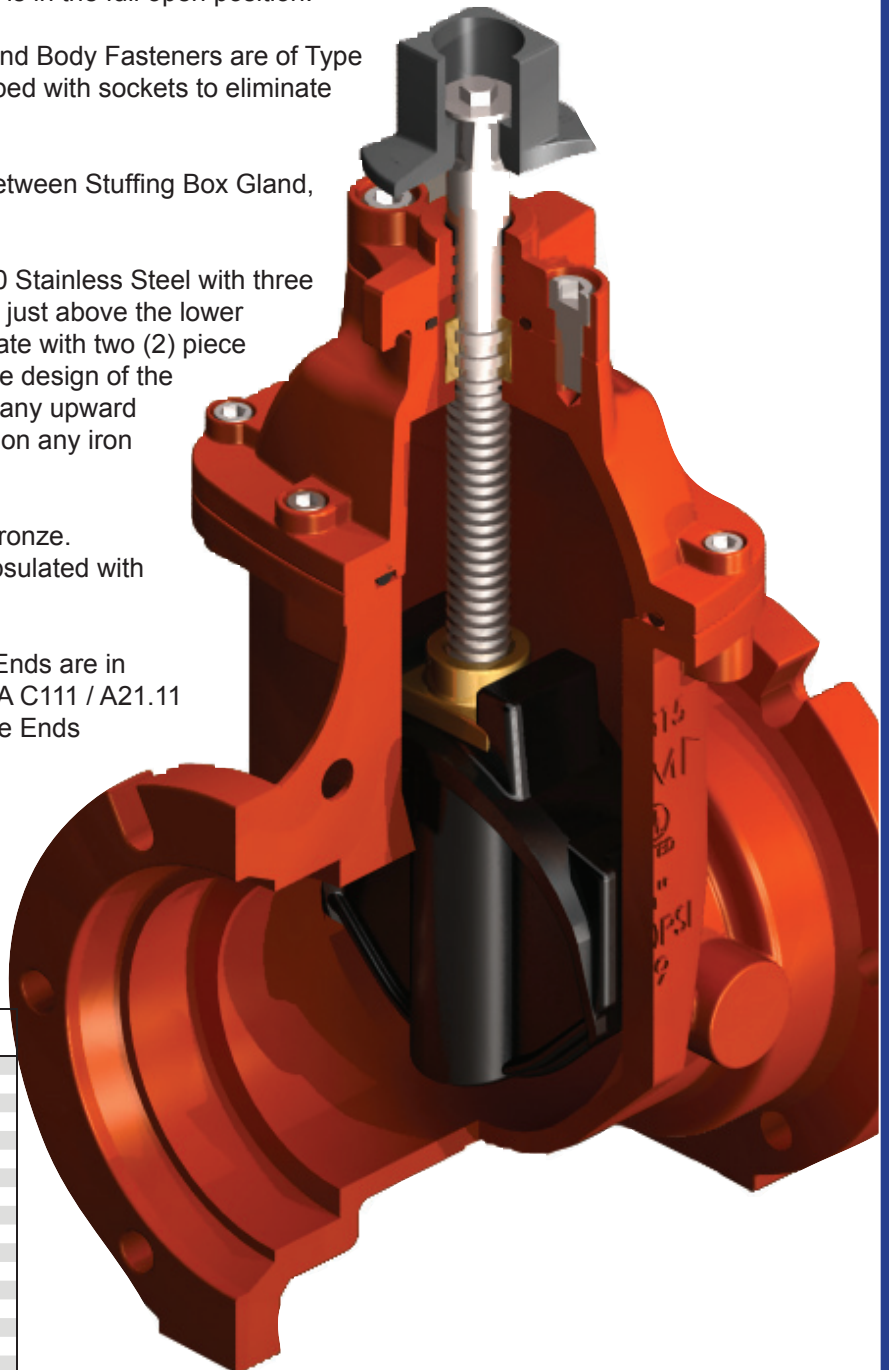
MJ x MJ

Dimensions for Resilient Seat Valve

Size	Part No. (MJ x MJ)						Part No. (Flange x MJ)			Part No. (Tapping)			Part No. (Flange x Flange)			M Turns To Open		
	A	C	D	E	F	A	L	A	B	H	L	B	G	H				
2"	2010MM-120	10.4	9.25	2.5	5.25	3.75	2010FM-120	10.4	8.13	2010TM-120	7	9.5	8.13	2010FF-120	7	7	9.5	6.5
2-1/2"	-	11	-	-	-	4.75	-	11	-	-	7	10	-	2010FF-125	7	7.5	10	8.2
3"	2010MM-130	11.8	9.5	2.5	6.81	5.25	2010FM-130	11.8	8.74	2010TM-130	10	11	8.74	2010FF-130	10	8	11	7
4"	2010MM-140	13.8	10	2.5	7.84	6	2010FM-140	13.8	9.5	2010TM-140	10	13	9.5	2010FF-140	10	9	13	8.5
5"	2010MM-150	16.2	-	-	-	7.25	-	16.2	-	-	12	15.5	-	2010FF-150	12	10	15.5	10.5
6"	2010MM-160	17.9	11.5	2.5	10.31	8.25	2010FM-160	17.9	11	2010TM-160	12	17.3	11	2010FF-160	12	10.5	17.3	13
8"	2010MM-180	21.5	12.5	2.5	13.38	10.5	2010FM-180	21.5	12	2010TM-180	14	20.8	12	2010FF-180	14	11.5	20.8	17
10"	2010MM-200	25.4	14.75	2.5	15.5	13	2010FM-200	25.4	13.88	2010TM-200	16	25	13.88	2010FF-200	16	13	25	21
12"	2010MM-220	28.8	14.88	2.5	18.5	15.25	2010FM-220	28.8	14.44	2010TM-220	16	28.3	14.44	2010FF-220	16	14	28.3	25
14"	2010MM-240	36.1	17	3.5	21	17.75	2010FM-240	36.1	16.5	2010TM-240	16	35.6	16.5	2010FF-240	16	15	35.6	44
16"	2010MM-260	39	17	3.5	23	19.75	2010FM-260	39	16.5	2010TM-260	22	38.6	16.5	2010FF-260	22	16	38.6	50

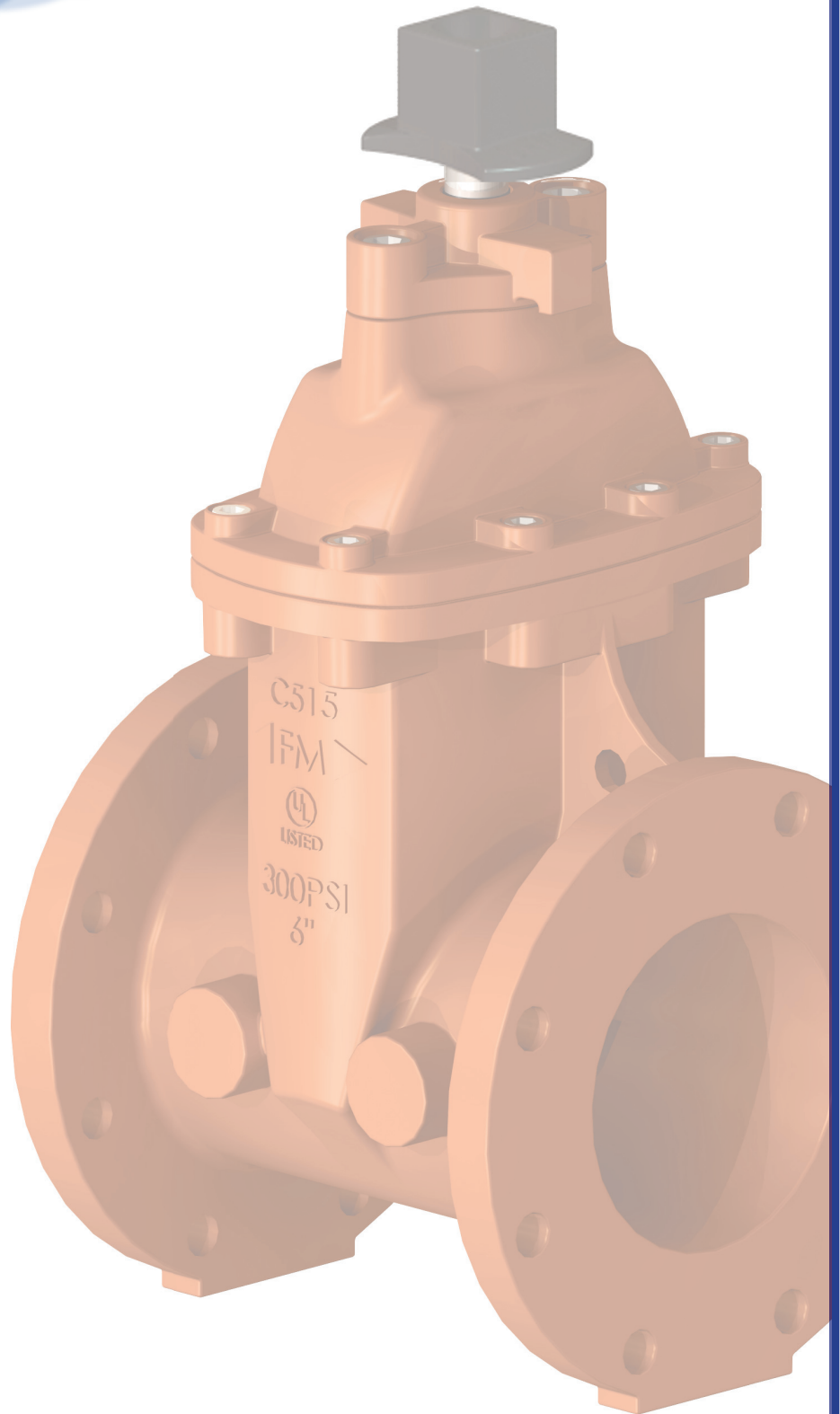
Gate Valves:

1. Manufactured in accordance to AWWA C515 Standard.
2. All iron components are manufactured of high strength ductile-iron, in accordance with ASTM A536.
3. All ferrous surfaces, including Stuffing Box Gland, are epoxy coated in accordance with AWWA C550 Standard. All valve coatings are certified to NSF-61 Standard.
4. Mechanical Joint Valves are equipped with 2" operating nut (color-coded black for "open left" models and red for "open right" models).
5. Stuffing Box Gland has a minimum of three (3) O-rings, which can be replaced under pressure while the gate is in the full open position.
6. Stuffing Box Gland, Bonnet, and Body Fasteners are of Type 304 Stainless Steel, blind tapped with sockets to eliminate exposed bolt threads or nuts.
7. EPDM O-Rings are located between Stuffing Box Gland, Bonnet, and Body.
8. Operating Stem is of Type 420 Stainless Steel with three (3) machined grooves located just above the lower stem O-Ring to accept and mate with two (2) piece bronze C-54400 split ring. The design of the stem and split ring eliminates any upward or downward operating thrust on any iron surface.
9. Wedge nuts are of C-54400 bronze. Ductile-iron gate is fully encapsulated with EPDM rubber.
10. Mechanical Joint Gate Valve Ends are in accordance with ANSI / AWWA C111 / A21.11 Standard. Flanged Gate Valve Ends are in accordance with ANSI B16.1, 125 lb. drilling pattern.
11. Valve Pressure Rating:
UL @ 300 psi, FM @ 250 psi
Operating; 600-psi test.



ITEM NO.	DESCRIPTION	MATERIAL
1	Hex Bolt	304 Stainless Steel
2	Washer	304 Stainless Steel
3	Dirt Seal	EPDM
4	O-Ring (Bonnet Cap, Stem)	EPDM
5	O-Ring (Bonnet Cap, Bonnet)	EPDM
6	O-Ring (Stem)	EPDM
7	O-Ring (Bonnet to Body)	EPDM
8	Gate	EPDM
9	Operating Nut	Ductile Iron, ASTM A536
10	Stem	Stainless Steel, AISI 420
11	Bonnet Cap	Ductile Iron, ASTM A536
12	Split Ring (Stem)	Bronze, C-54400
13	Bonnet	Ductile Iron, ASTM A536
14	Body	Ductile Iron, ASTM A536
15	H12 Allen Bolt	304 Stainless Steel
16	H10 Allen Bolt	304 Stainless Steel
17	Wedge (Stem) Nut	Bronze, C-54400

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Water
Products



P.O. Box 12010
2113 West 30th Street
Jacksonville, FL 32209
Tel: (877) 766-4459
Fax: (877) 766-4458
website: www.unitedwaterproducts.com

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