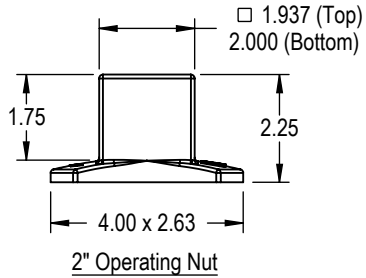


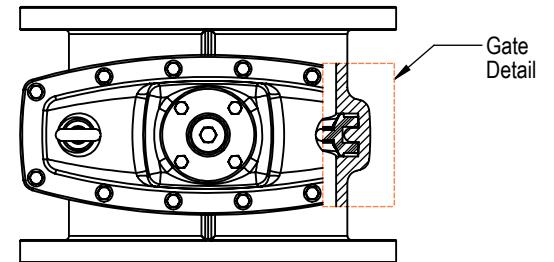
Nom	A	H	C	G	L	Turns to Open	Handwheel Ø
14"	36.1	32.87	17	15	16.5	45	22
16"	39	35.83	17	16	16.5	51	22
18"	41.34	41	17	17	-	57.5	22
20"	44.09	44	18	18	-	42	24
24"	50.79	50.79	20	20	-	50.8	30



Item No.	Description	Material/Specification
1	Hex Bolt	304 Stn. Stl.
2	Washer	304 Stn. Stl.
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 Encapsulated DI
9	Operating Nut / Handwheel	Ductile Iron ASTM A536 65-45-12
10	Stem	AISI 431
11	Bonnet Cap	Ductile Iron ASTM A536 65-45-12
12	Split Ring (Stem)	Bronze C67400
13	Bonnet	Ductile Iron ASTM A536 65-45-12
14	Body	Ductile Iron ASTM A536 65-45-12
15	Bonnet Bolts	304 Stn. Stl.
16	Gate (Stem) Nut	Bronze C67400

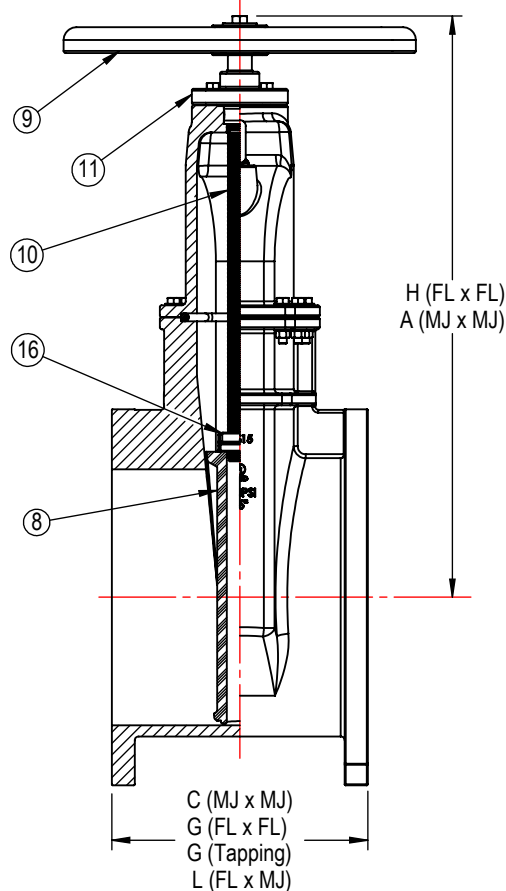
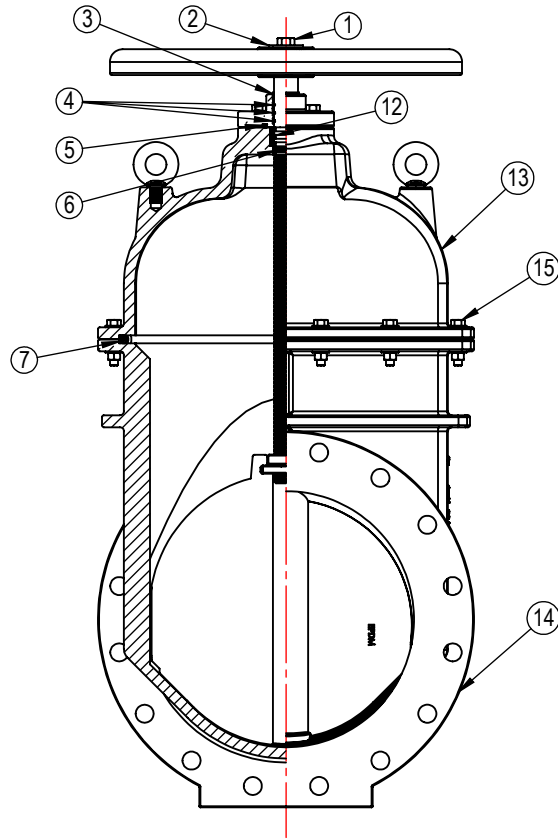


Size	Qty	Model #	Description	Handwheel	Operating Nut	Open Left	Open Right
---	---	2010MM	Mechanical Joint x Mechanical Joint	---	---	---	---
---	---	2010FM	Flange x Mechanical Joint (14"-16")	---	---	---	---
---	---	2010FF	Flange x Flange	---	---	---	---
---	---	2010TM	Tapping (14"-16")	---	---	---	---



Notes:

- 1) Resilient Seat Gate Valves shall comply with AWWA C515-09 Standard.
- 2) Body, bonnet, and wedge of the gate valve shall be of high strength ductile-iron, ASTM A536, Grade 65-45-12.
- 3) Fusion Bond Epoxy Coated Interior and Exterior, AWWA C550. Epoxy Powder Certified to NSF-61.
- 4) Stuffing Box Gland shall have a minimum of three (3) O-rings capable of replacement under pressure while gate is in the full open position.
- 5) EPDM O-ring Seals shall be located between Stuffing Box Gland, Bonnet, and Body.
- 6) Operating Stem shall be 431 Stainless Steel with (3) Machined Grooves located just above the Lower Stem O-ring to accept and mate with a 2-piece Bronze Split Ring. The design of the Stem and Split Ring will eliminate any upward or downward operating thrust on any Iron service.
- 7) Wedge Nut shall be Bronze C67400, independent of the Ductile Iron Gate. Ductile Iron Gate shall be fully encapsulated with Rubber EPDM Seat.
- 8) Mechanical Joint Ends shall be in accordance with ANSI A21.11 / AWWA C111 Standard, Flanged Ends in accordance with ANSI B16.1, 125 lb. pattern. (AWWA C110 Standard).
- 9) Valve Operating Pressure Rating: 14"~18" = 250 psi; 20"~24" = 200 psi.



## WATER LINE SUPPLY

	NAME	DATE
DRAWN	RCM	6/26/14



TITLE: UNITED Model 2010  
Non-rising Stem (NRS)  
Resilient Seated Gate Valve (14"~24")

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DWG. NO.	REV
5000000183-WSL	B

SCALE: NONE - UNLESS NOTED SHEET 1 OF 1

### REVISIONS

REV.	DESCRIPTION	DATE	By
A	Initial Issue	6/26/14	RCM
B	Updated material list	01/09/2015	SG