

807 Series NRS UL/FM Resilient Seated Gate Valve, MJ×MJ Ends

SPECIFICATIONS

- AWWA C515 COMPLIANT
- NON-RISING STEM, RESILIENT SEATED
- TRIPLE O-RING STEM SEAL
- LIFTING LUGS BUILT INTO STUFFING GLAND
- MECHANICAL JOINT CONFORMS TO ANSI/AWWA C153/A21.53
- UNDERWRITERS LABORATORIES LISTED @ 300 PSI
- FACTORY MUTUAL APPROVED @ 300 PSI
- CERTIFIED TO NSF/ANSI 61 & 372
- OPEN RIGHT AVAILABLE UPON REQUEST (USE SOVAL SERIES "807OR")

WORKING PRESSURE

- 300 PSI

WORKING TEMPERATURE

- 33°F TO 170°F

INSTALLATION

- VALVES INSTALLED IN HORIZONTAL PIPING SYSTEMS SHOULD HAVE THE STEMS ORIENTED VERTICALLY
- VALVES INSTALLED IN VERTICAL PIPING SYSTEMS SHOULD HAVE THE STEMS ORIENTED HORIZONTALLY

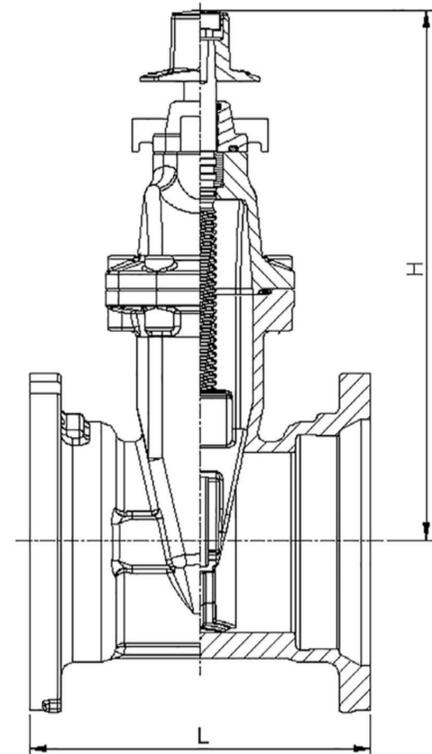


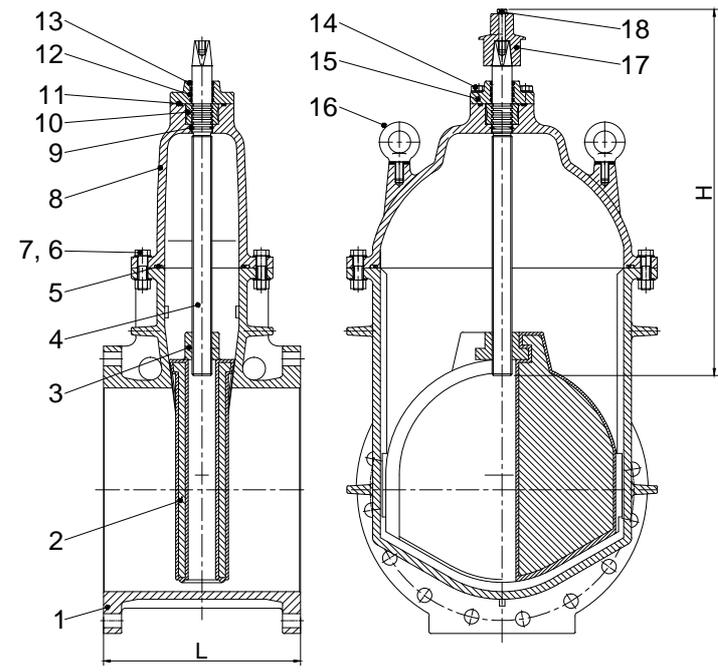
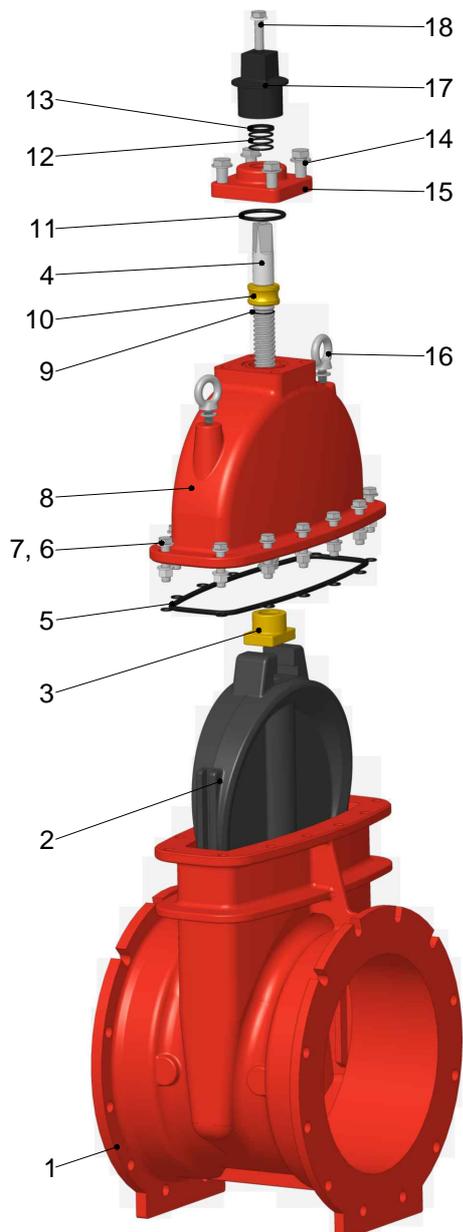
COMPONENTS

PART NAME	MATERIAL
BODY	DUCTILE IRON A536 65-45-12
WEDGE	DUCTILE IRON, EPDM ENCAPSULATED
WEDGE NUT	BRONZE B62 C83600
STEM	STAINLESS STEEL AISI 420
BONNET	DUCTILE IRON A536 65-45-12
GASKET	RUBBER EPDM
GLAND	DUCTILE IRON A536 65-45-12
THRUST COLLAR	BRONZE C62 C83600
O-RING	RUBBER EPDM
OPERATING NUT	DUCTILE IRON A536 65-45-12
GLAND BOLT	STAINLESS STEEL AISI 304
BONNET BOLT	STAINLESS STEEL AISI 304

DIMENSIONS

	(INCHES)					
SIZE	3"	4"	6"	8"	10"	12"
L	9 1/2	10	11 1/2	12 1/2	14 3/4	14 7/8
H	11 5/8	13 3/4	17 15/16	21 7/16	25 3/8	28 3/4
WEIGHT (LBS)	46	58	101	161	245	371





Dimensions-inch

Size	14"	16"	18"	20"	24"
L	17.0	17.0	18.7	18.0	20.0
H	35.0	37.6	42.3	45.6	51.6

No.	Description	Material	ASTM Specification
1	Body	Ductile Iron	A536 Grade 65-45-12
2	Wedge	EPDM Fully Encapsulated Ductile Iron	
3	Wedge Nut	Bronze	B148 C95200
4	Stem	Stainless Steel	A276 Type 304
5	Bonnet Gasket	Rubber EPDM	D2000
6	Bolt	Carbon Steel	A307 Class B
7	Washer	Stainless Steel	A276 Type 304
8	Bonnet	Ductile Iron	A536 Grade 65-45-12
9	O-ring	Rubber NBR	D2000
10	Thrust Collar	Bronze	B148 C95200
11	Gland O-ring	Rubber NBR	D2000
12	Stem Seal Ring	Rubber NBR	D2000
13	Scraper Seal	Rubber NBR	D2000
14	Bolt	Carbon Steel	A307 Class B
15	Gland	Ductile Iron	A536 Grade 65-45-12
16	Eyebolt	Carbon Steel	A307 Class B
17	Operating Nut	Ductile Iron	A536 Grade 65-45-12
18	Bolt	Carbon Steel	A307 Class B

Notes:
 1. Pressure rating:
 250 psi for 14" to 18"
 200 psi for 20" to 24"
 2. Fusion bonded epoxy coated to AWWA C550 Standard.



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM		807 Series NRS UL/FM Resilient Seated Mechanical Joint Gate Valve, Large Diameters		ENGINEER/DRAFTSMAN 01/28/2022	
MATERIAL		REV. DESCRIPTION DATE		1st CHECK 01/28/2022	
WEIGHT		A INITIAL ISSUE 01/28/2022		2nd CHECK 01/28/2022	
FINISH		REVISION A		3rd CHECK 01/28/2022	
DO NOT SCALE DRAWING		SCALE: NONE - UNLESS NOTED		4th CHECK 01/28/2022	
				APPROVED 01/28/2022	
				SHEET 1 OF 1	