

NRS RESILIENT SEATED GATE VALVE MECHANICAL JOINT X MECHANICAL JOINT MODEL LVNRSMJ

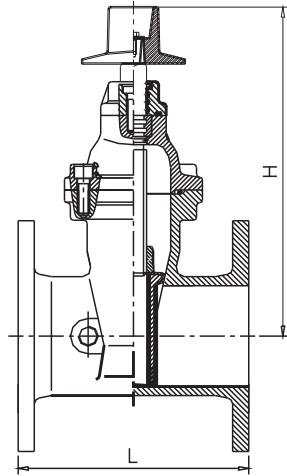


DESCRIPTION:

The Lansdale Resilient Seated NRS Gate Valve is used as a control valve for on/off applications. This valve has MJ (mechanical joint) ends for quick installation, and is often used as an underground valve, and is operated utilizing a 2" operating nut.

GENERAL SPECIFICATIONS:

- Valves comply with AWWA C515-15 standard
- Non-rising stem, resilient seated (EDPM encapsulated wedge)
- Triple O-Ring seal
- Available with optional test plug on valve body (special order)
- Post indicator valves provided with universal "Indicator Post Plate"
- Mechanical joint ends to AWWA C153 /A21.53 standard
- Available open right, please specify
- Flanged ends to ANSI B16.1, Class 125
- UL Listed/FM Approved at 300 PSI water working pressure rating
- NSF/ANSI/CAN 61 certified as lead-free for use in drinking water systems
- Temperature range: 33° F to 170° F
- Fusion bonded epoxy coated interior and exterior to AWWA C550 standard
- Flanged valves available with handwheel or operating nut
- Available in open left or open right



INSTALLATION:

Prior to installation, a check of the identification plate and body marking must be made to ensure that the correct valve is being installed. Valves are precision manufactured items and as such, should not be subjected to misuse such as careless handling, allowing dirt to enter the valve through the end ports, lack of cleaning both valve and system before operation and excessive force during bolting and valve operation. All special packaging material must be removed. Valves must be provided with adequate support. Adjoining pipework must be supported to avoid the imposition of pipeline strains on the valve body, which would impair its performance. Valves should not be lifted using the stem. Immediately prior to valve installation, the pipework to which the valve is to be fastened should be checked for cleanliness and freedom from debris.

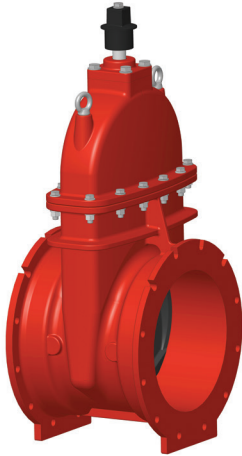
DIMENSIONS (in.)						
SIZE	3	4	6	8	10	12
L	9-1/2	10	11-1/2	12-1/2	14-3/4	14-7/8
H	11-5/8	13-3/4	17-15/16	21-7/16	25-3/8	28-3/4
D		12	12	12	12	12
WT. (lbs.)	45	71	116	176	280	386

PART NAME	MATERIAL	ASTM. SPEC.
BODY	Ductile Iron	A536 65-45-12
WEDGE	Ductile Iron	EPDM Encapsulated
WEDGE NUT	Bronze	B62 C83600
STEM	Stainless Steel	AISI 304
BONNET	Ductile Iron	A536 65-45-12
GASKET	Rubber	EPDM
GLAND	Ductile Iron	A536 65-45-12
THRUST COLLAR	Bronze	B62 C83600
O-RING	Rubber	EPDM
POST FLANGE	Ductile Iron	A536 65-45-12
OPERATING NUT	Ductile Iron	A536 65-45-12
NPT PLUG	Bronze	Commercial
POST FLANGE	Bolt	Stainless Steel AISI 316
BONNET BOLT	Stainless Steel	AISI 304

PROJECT	APPROVAL STAMP
PROJECT:	<input type="checkbox"/> APPROVED
ADDRESS:	<input type="checkbox"/> APPROVED AS NOTED
ENGINEER:	<input type="checkbox"/> NOT APPROVED
SUBMITTAL DATA:	REMARKS:
NOTES 1:	
NOTES 2:	

NRS RESILIENT SEATED GATE VALVE MECHANICAL JOINT X MECHANICAL JOINT

MODEL LVNRSMJL



DESCRIPTION:

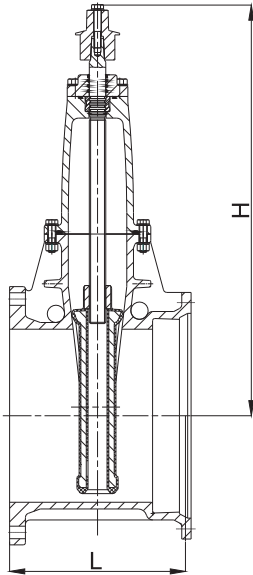
The Lansdale Resilient Seated NRS Gate Valve is used as a control valve for on/off applications. This valve has MJ (mechanical joint) ends for quick installation, and is often used as an underground valve, and is operated utilizing a 2" operating nut.

GENERAL SPECIFICATIONS:

- Meets or exceeds the requirements of AWWA C515 Standard
- Full waterway
- 2" square operating nut
- Available open right, please specify
- Rubber fully encapsulated ductile iron wedge
- Flange and drilling comply with ASTM B16.1, Class 125
- Mechanical joint outlet complies with ANSI/AWWAC153/A21.53
- UL/ULC 262 Listed, FM 1120/1130 Approved
- Certificated to ANSI/NSF 61 & 372
- Temperature range: 33° F to 170° F
- Rated working pressure: 250 PSI for 14" to 18" / 200 PSI for 20" to 24"
- NSF/ANSI/CAN 61 certified as lead-free for use in drinking water systems
- Fusion bonded epoxy coated interior and exterior to AWWA C550 standard

INSTALLATION:

Prior to installation, a check of the identification plate and body marking must be made to ensure that the correct valve is being installed. Valves are precision manufactured items and as such, should not be subjected to misuse such as careless handling, allowing dirt to enter the valve through the end ports, lack of cleaning both valve and system before operation and excessive force during bolting and handle operation. All special packaging material must be removed. Valves must be provided with adequate support. Adjoining pipework must be supported to avoid the imposition of pipeline strains on the valve body, which would impair its performance. Valves should not be lifted using the stem. Immediately prior to valve installation, the pipework to which the valve is to be fastened should be checked for cleanliness and freedom from debris.



DIMENSIONS (in.)					
SIZE	14	16	18	20	24
L	17	17	18.7	18	20
H	35	37.6	42.3	45.6	51.6

PART NAME	MATERIAL	ASTM. SPEC.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron	EPDM Encapsulated
Wedge Nut	Bronze	B148 C95200
Stem	Stainless Steel	A276 Type 304
Bonnet Gasket	Rubber EPDM	D2000
Bolt	Carbon Steel	A307 Class B
Washer	Stainless Steel	A276 Type 304
Bonnet	Ductile Iron	A536 Grade 65-45-12
O-Ring	Rubber NBR	D2000
Thrust Collar	Bronze	B148 C95200
Gland O-Ring	Rubber NBR	D2000
Stem Seal Ring	Rubber NBR	D2000
Scraper Seal	Rubber NBR	D2000
Bolt	Carbon Steel	A307 Class B
Gland	Ductile Iron	A536 Grade 65-45-12
Eyebolt	Carbon Steel	A307 Class B
Operating Nut	Ductile Iron	A536 Grade 65-45-12
Bolt	Carbon Steel	A307 Class B

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