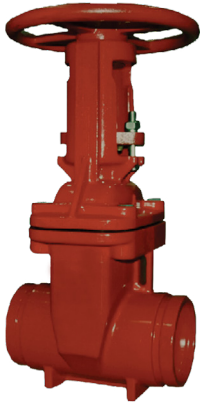


OS&Y RESILENT SEATED GATE VALVE GROOVED ENDS

MODEL LVOSYGG



DESCRIPTION:

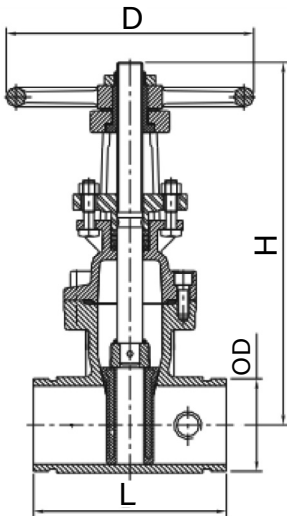
The Lansdale Grooved OS&Y Valve, Lansdale Model LVOSYGG is an outside stem and yoke gate valve meeting all NFPA requirements. When the stem is down, the valve is closed and when the stem is up then the valve is open allowing a very quick indication as to what position the valve is in. The OS&Y valve is used in various industries including fire protection, water works, sewage and industrial applications; in fire protection it is used as a control valve for on/off service and is most often fitted with a supervisory tamper switch. The Lansdale OS&Y comes with two threaded plugs, for use on backflow devices to allow for the required testing of the backflow.

GENERAL SPECIFICATIONS:

- Complies with AWWA C515
- Heavy duty handwheel and attachment nut
- Triple O-rings stem seal
- NPT brass plug on body
- Groove to AWWA C606 standard
- Working pressure 300 PSI
- Temperature range: 33° F to 170° F
- NSF/ANSI/CAN 61 certified as lead-free for use in drinking water systems
- Internally and externally fusion bonded epoxy powder coated (FBE)

INSTALLATION:

When installing the Lansdale LVOSYGG care must be taken to insure there is adequate headroom to accommodate the rising stem. The connecting pipe must be properly supported to avoid any stress to the valve body and grooved connections, larger valves may need to be independently supported, which should be determined by the designer. Before installing the valve, make sure it is fully operational and that all packing material has been removed and the interior of the valve is free from any dirt and debris. Inspect the grooves on the valve and adjacent piping to make sure they are clean and free from dents or damage that could lead to a leak. Align the valve with the adjacent piping and install using approved grooved couplings, following the grooved manufacturers installation instructions, such as those manufactured by Gemlock.



VALVE DIMENSIONS (in.)

Size	2.5	3	4	5	6	8	10	12
OD	2-7/8	3-1/2	4-1/2	5-1/2	6-5/8	8-5/8	10-3/4	12-3/4
L	7-1/2	8	9	10	10-1/2	11-1/2	13	14
H (open)	16-5/8	18-7/8	21-5/8	25-4/5	29-1/8	36-5/8	44-1/2	52
H (close)	13-3/4	15-3/4	17-3/4	20-7/8	23-1/4	28-3/4	34-3/4	40-1/6
D	7-1/4	10	10	12	12	14	17-1/2	17-1/2
Weight (lbs.)	29	38.5	62	89	96	150	249	337

MATERIAL SPECIFICATIONS

PART	MATERIAL	ASTM SPEC.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron	EPDM Encapsulated
Wedge Nut	Stainless Steel	AISI 304
Stem	Stainless Steel	AISI 420
Bonnet	Ductile Iron	A536 65-45-12
Gasket	Rubber	EPDM
Packing	Graphite	Commercial
Gland	Ductile Iron	A536 65-45-12
Yoke Nut	Bronze	B62 C83600
Handwheel	Ductile Iron	A536 65-45-12
Handwheel Nut	Ductile Iron	A536 65-45-12
NPT Plug	Malleable Iron	Commercial
Gland Bolt	Stainless Steel	AISI 316
Bonnet Bolt	Carbon Steel	A307 B

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:	