

OS&Y RESILENT SEATED GATE VALVE WITH FLANGED ENDS

MODEL LVOSYFF; SIZES 2" THRU 12"
MODEL LVOSYFF-2; SIZES 14", 16", 18"
MODEL LVOSYFF-3; SIZES 20", 24"



DESCRIPTION:

The Lansdale LVOSYFF, 2 & 3 is a UL Listed and FM Approved OS&Y (Outside Stem & Yoke) gate valve primarily used as a control valve in a fire sprinkler or standpipe system. This valve has a built in indicator; when the stem is up, the valve is open and when the stem is down the valve is closed, and a tamper switch, such as the Lansdale LVSS can easily be installed. This valve meets all of the NFPA13 and NFPA 25 requirements and is available in sizes ranging from 2" thru 24".

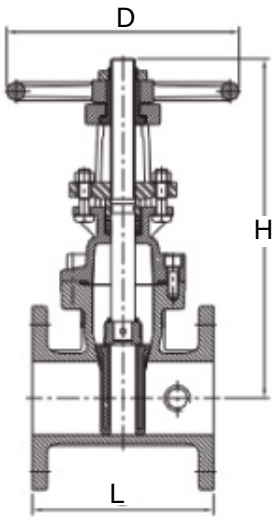
FEATURES:

- Complies with AWWA C515 standard
- Heavy duty hand wheel and attachment nut
- High quality graphite packing
- Sizes: 2" - 4" 1/2" Plug [2]
5" - 8" 3/4" Plug [2]
10" - 12" 1" Plug [1]
- Flanges to ANSI B16. 1, Class 125
- 2 Taps standard
- UL Listed and FM Approved
- Working pressure: 2-1/2" - 12"- 300 PSI
14", 16", 18"- 250 PSI
20", 24" - 200 PSI
- NSF/ANSI/CAN 61 certified as lead-free for use in drinking water systems
- Temperature range: 33° F to 170° F
- Corrosion protection: Fusion bonded epoxy coated interior and exterior to AWWA C550 Standard
- Supplied with factory cut groove in stem for tamper switch

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. Refer to Lansdales' O&M manual for further installation instructions.

Note: Design and material are subject to change without notice



MATERIAL SPECIFICATIONS			
NO.	PART	MATERIAL	ASTM SPEC.
1	Body	Ductile Iron	A536 65-45-12
2	Wedge	Ductile Iron	EPDM Encapsulated
3	Wedge Nut	Stainless Steel	AISI 304
4	Stem	Stainless Steel	AISI 304
5	Bonnet	Ductile Iron	A536 65-45-12
6	Gasket	Rubber	EPDM
7	Packing	Graphite	Commercial
8	Gland	Ductile Iron	A536 65-45-12
9	Yoke Nut	Bronze	B62 C83600
10	Handwheel	Ductile Iron	A536 65-45-12
11	Handwheel Nut	Ductile Iron	A536 65-45-12
12	NPT Plug	Bronze	Commercial
13	Gland Bolt	Stainless Steel	AISI 316
14	Bonnet Bolt	Carbon Steel	A307 B

VALVE DIMENSIONS (in.)														
SIZE	2	2.5	3	4	5	6	8	10	12	14	16	18	20	24
L	7	7-1/2	8	9	10	10-1/2	11-1/2	13	14	15	16	17	18	20
H (OPEN)	15	16-5/8	18-7/8	21-5/8	25-4/5	29-1/8	36-5/8	44-1/2	52	65	73	80	90	102
H (CLOSE)	13	13-3/4	15-3/4	17-3/4	20-7/8	23-1/4	28-3/4	34-3/4	40-1/6	51	57	62	46	79
D	7-1/4	7-1/4	10	10	12	12	14	17-1/2	17-1/2	22	22	24	24	30
WEIGHT LBS.	42	44	55	66	93	110	170	264	374	507	1257	1530	1786	2101
SIZE NPT TEST PLUGS (AKA side plugs)	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1	1	1	1	1	1

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:	