

# OS&Y RESILENT SEATED GATE VALVE WITH FLANGE ENDS

MODEL LVOSYFF; SIZES 2" THRU 12"

MODEL LVOSYFF-2; SIZES 14", 16", 18"

MODEL LVOSYFF-3; SIZES 20", 24"



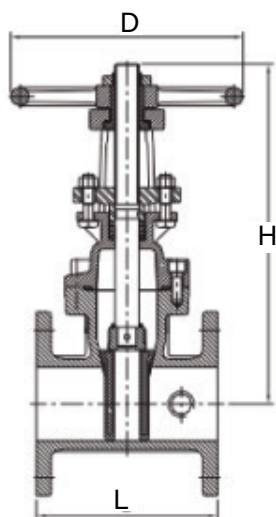
## FEATURES:

- Complies with AWWA C515 standard
- Heavy duty hand wheel and attachment nut
- High quality graphite packing
- Available with 2 NPT plugs on body or none
- Sizes: 2" - 4" ½" Plug [2]  
5" - 8" ¾" Plug [2]  
10" - 12" 1" Plug [1]
- Flanges to ANSI B16. 1, Class 125
- UL Listed and FM Approved\*
- Working pressure: 2½" - 12" - 300 PSI  
14", 16", 18" - 250 PSI  
20", 24" - 200 PSI
- 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.

**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	7½	8	9	10	10½	11½	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	7¼	7¼	10	10	12	12	14	17½	17½	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)	½	½	½	½	½	¾	¾	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:	