

OS&Y RESILIENT SEATED GATE VALVE GROOVED ENDS

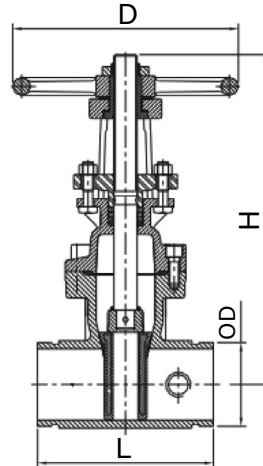
MODEL LVOSYGG



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
- Internally and externally fusion bonded epoxy powder coated (FBE)

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



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

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:	