

AWWA C500 OS&Y Metal Seated Gate Valve

FIG. LV3114

Specification

- Complies with AWWA C500
- Adjustable stem seal
- Available with handwheel, gearbox or actuator
- Flange and drilling complies with ASTM B16.1 Class125
- Face-to-face dimensions in accordance with: EN 558-1 basic series 3, ASME B16.10

Working Pressure and Temperature

- 150 psi / 200 psi / 250 psi rated at -10°C to 120°C

Corrosion Protection

- Internally and externally liquid painted or fusion bonded coating

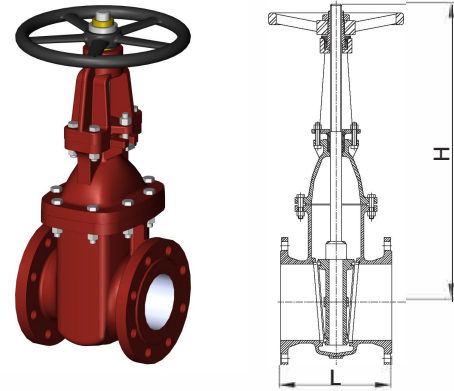
Options

- Flange and drilling complies with EN1092-2 PN16
- ASTM A276 Grade 304 stem
- Stainless steel fasteners: A2-70 or A4-70

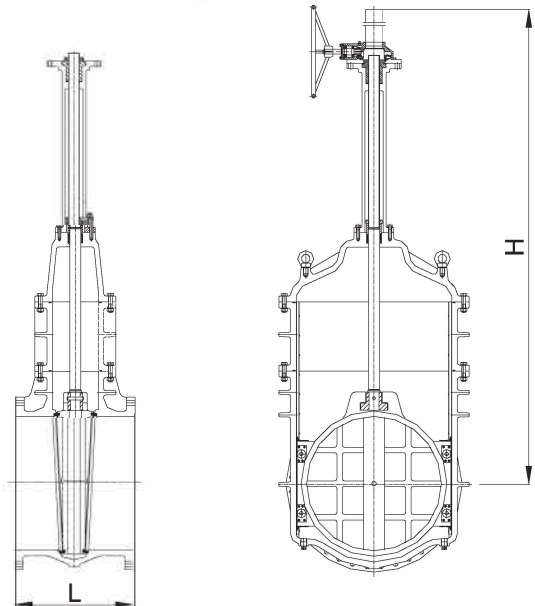
Material Specifications

Part Name	Materials	ASTM Specification
Body	Ductile Iron	A536, 65-45-12
Bonnet	Ductile Iron	A536, 65-45-12
Body Seat	Bronze	B62 C83600
Wedge	Ductile Iron	A536, 65-45-12
Wedge Seat	Bronze	B62 C83600
Stem	Stainless Steel	A276, Grade 420
Stem Nut	Bronze	B148 C95200
Gasket	Graphite	Non-asbestos
Packing	Graphite	Non-asbestos
Fasteners	Carbon Steel	A307, Grade B
Handwheel	Ductile Iron	A536, 65-45-12

Schematic



Size 2" to 12"



Size 14" and above

Main Dimensions (mm)

Size	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"
L	178	191	203	229	254	267	292	330	356	381	406	432
H(OPEN)	405	415	486	632	710	842	1100	1228	1372	1595	1910	2180

Size	20"	24"	28"	30"	32"	36"	42"	48"	54"	60"	66"	-
L	457	508	610	610	660	711	915	1180	945	945	945	-
H(OPEN)	2202	2745	2920	3350	3530	3950	4415	5265	5790	6315	6735	-

Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.