

Grooved Ends OS&Y Metal Seated Gate Valve

FIG. LV3914

Specification

- Valves comply with EN1171, MSS SP-70
- Outside stem screw
- Adjustable stem seal
- Packing replaceable under pressure
- Handwheel operated
- Groove-Metric or AWWA C606 standard
- Face to face dimensions in accordance with EN558-1 basic series 3 and ASME B16.10

Working Pressure and Temperature

- 16 bar / 250 psi rated at -10°C to 120°C

Corrosion Protection

- Internally and externally liquid painted

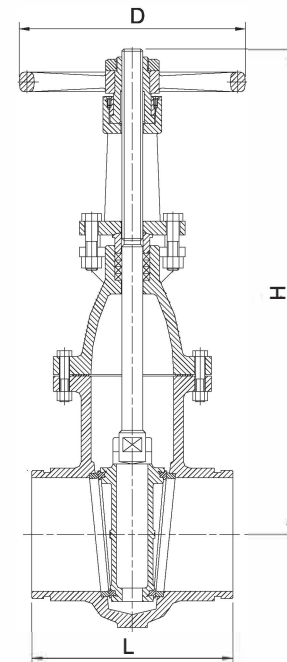
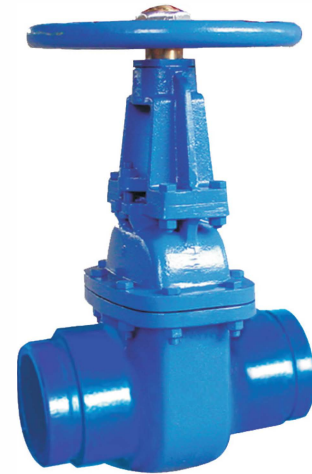
Options

- Metal seat: bronze or stainless steel
- SS304 stainless steel stem
- Stainless steel fasteners: A2-70 or A4-70

Material Specifications

Part Name	Materials	EN Specification	ASTM Specification
Body	Ductile Iron	EN1563, GJS-450-10	A536, 65-45-12
Bonnet	Ductile Iron	EN1563, GJS-450-10	A536, 65-45-12
Body Seat	Bronze	EN1982 CC491K	B62 C83600
Wedge	Ductile Iron	EN1563, GJS-450-10	A536, 65-45-12
Wedge Seat	Bronze	EN1982 CC491K	B62 C83600
Stem	Stainless Steel	EN10088, X20Cr13	A276, Grade 420
Stem Nut	Bronze	EN1982, CuAl10Fe3	B148 C95200
Gasket	Graphite	Non-asbestos	
Packing	Graphite	Non-asbestos	
Fasteners	Carbon Steel	Grade 4.8	A307, Grade B
Handwheel	Ductile Iron	EN1563, GJS-450-10	A536, 65-45-12

Schematic



Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	178	191	203	229	254	267	292	330	356
H(OPEN)	342	366	430	587	652	745	1100	1228	1373
D	178	178	190	250	307	300	356	405	457

Notes

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