

Grooved Ends OS&Y Metal Seated Gate Valve

FIG. 3914

Specification

- Valves Comply with EN1171.
- 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 Series3 and ASME B16. 10.
- Rated Working Pressure 250 psi/16 bar.

Corrosion Protection

- Internally and Externally Liquid Painted.

Material Specification

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
Bonnet	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
Body Seat	Bronze	EN 1982 CuSn5Zn5Pb5	B62 C83600
Wedge	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12
Wedge Seat	Bronze	EN 1982 CuSn5Zn5Pb5	B62 C83600
Stem	Stainless Steel	EN10088 X20Cr13	A276 Type 420
Stem Nut	Bronze	EN 12165 CuAl10Fe3	B148 C95200
Gasket	Graphite	Non-asbestos	Non-asbestos
Packing	Graphite	Non-asbestos	Non-asbestos
Fasteners	Carbon Steel	Grade 8.8	A307 Grade B
Handwheel	Ductile Iron	EN 1563 EN-GJS-450-10	A536 Grade 65-45-12

Options

- Metal Seat: Bronze or Stainless Steel.
- Type 304 Stainless Steel Stem.
- Stainless Steel Fasteners: A2-70 or A4-70.

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.

Schematic

