

Grooved Ends NRS Metal Seated Gate Valve

FIG. 3924

Specification

- Valves Comply with EN1171, MSS SP-70.
- Inside 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/250psi 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: SS304.

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
Wedge Nut	Brass	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

Main Dimensions(mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	178	191	203	229	254	267	292	330	356
H	260	276	300	355	409	467	606	750	835
D	150	170	195	225	245	295	356	400	457

Notes

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

Schematic

