

NRS Metal Seated Gate Valve

FIG. 3121

Specification

- Comply with EN1171, BS5150, BS3464 or MSS SP-70.
- Adjustable stem seal.
- Flange and drilling complies with EN1092-2 PN16.
- Face to face dimensions in accordance with EN 558-1 basic series 3, series14 or series15, ASME B16. 10.
- GOST Certification.

Working Pressure and Temperature

- 16 bar/250psi for size DN50 to DN600 rated at -10°C to 120 °C.
- 25 bar/300psi for size DN50 to DN300 rated at -10°C to 120 °C.

Corrosion Protection

- Internally and externally liquid painted.

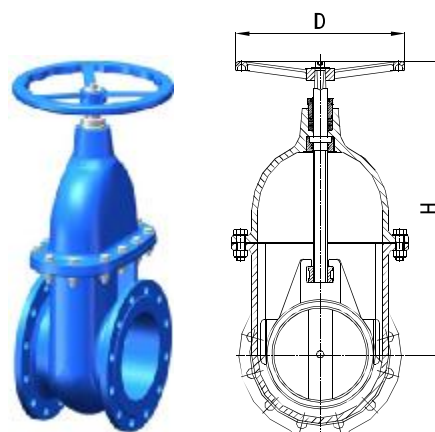
Options

- Metal seat: Bronze or stainless steel.
- SS304 stainless steel stem.
- Stainless steel fasteners: A2-70 or A4-70.
- Flange and drilling complies with ASME B16.1Class 125.

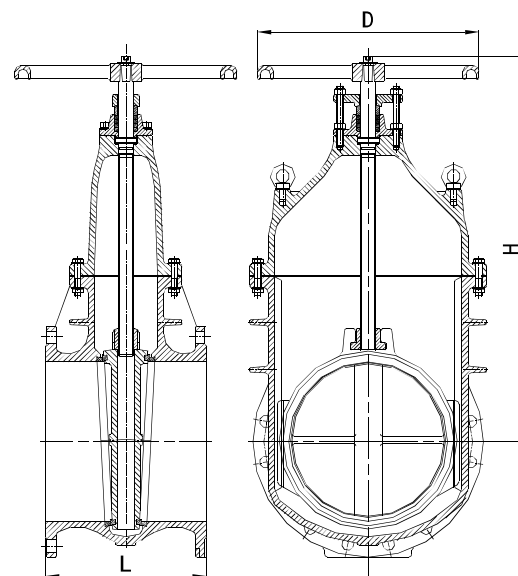
Material Specifications

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	Stainless Steel	BS970 304S15	A276, Grade 304
	Bronze	EN1982 CC491K	B62 C83600
Wedge	Ductile Iron	EN1563, GJS-450-10	A536, 65-45-12
Wedge Seat	Stainless Steel	BS970 304S15	A276, Grade 304
	Bronze	EN1982 CC491K	B62 C83600
Stem	Stainless Steel	EN10088, X20Cr13	A276, Grade 420
	Brass	EN2874 CZ 124	B16 C36000
Wedge Nut	Brass	EN12420, CuAl10Fe3	B148 C95200
Gasket	Graphite	Non-asbestos	
Packing	Graphite	Non-asbestos	
Packing Nut	Stainless Steel	BS970 304S15	A276, Grade 304
Fasteners	Carbon Steel	Grade 4.8	A307, Grade B
Handwheel	Ductile Iron	EN1563, GJS-450-10	A536, 65-45-12

Schematic



Size 50 to 300



Size 350 and above

Main Dimensions(mm)

Size	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	Series 3/B16.10	178	191	203	229	254	267	292	330	356	381	406	432	508
	Series 14	150	170	180	190	200	210	230	250	270	290	310	330	390
	Series15	250	270	280	300	325	350	400	450	500	550	600	650	800
	BS 3464	146	159	165	171	191	210	241	273	305	-	-	-	-
H		265	300	344	390	461	513	616	705	800	867	966	1080	1310
D		175	175	255	255	305	305	355	405	405	558	558	610	610

Notes

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