

## NRS Resilient Seated Gate Valve

FIG.3243

### Specification

- Triple O-Ring Stem Seal.
- Flange and Drilling comply with EN1092-2 PN10 or PN16. (Other Flange Types available upon request)
- Face to Face Dimension comply with EN558-1 basic series 3.
- Rated Working Pressure 16bar.
- WRAS Approved: DI Body, DI Wedge encapsulated with portable water EPDM.
- Size DN50 to DN600 Certificated to ANSI / NSF61 & 372.

### Corrosion Protection

- Internally and Externally Fusion Bonded Epoxy Powder Coated.

### Material Specification

Part Name	Material	EN Specification
Body	Ductile Iron	EN 1563 EN-GJS-450-10
Bonnet	Ductile Iron	EN 1563 EN-GJS-450-10
Wedge	EPDM Fully Encapsulated Ductile Iron	
Thrust Collar	Bronze	EN 12163 CuAl10Fe3
Wedge Nut	Bronze	EN 12165 CuAl10Fe3
Stem	Stainless Steel	EN 10088 X20Cr13
O-Ring	Rubber	EN 681 NBR
Body/Bonnet Gasket	Rubber	EN 681 EPDM
Gland	Ductile Iron	EN 1563 EN-GJS-450-10
Operating Nut	Ductile Iron	EN 1563 EN-GJS-450-10
Handwheel	Ductile Iron	EN 1563 EN-GJS-450-10
Fasteners	Carbon Steel	Grade 8.8

### Options

- Type 304 Stainless Steel Stem.
- Stainless Steel Fasteners: A2-70 or A4-70.
- Available with Handwheel, Operating Nut or Gearbox. ( Bevel Gearbox or Spur Gearbox )
- Size 700 and above valves need to be operated by gearbox.

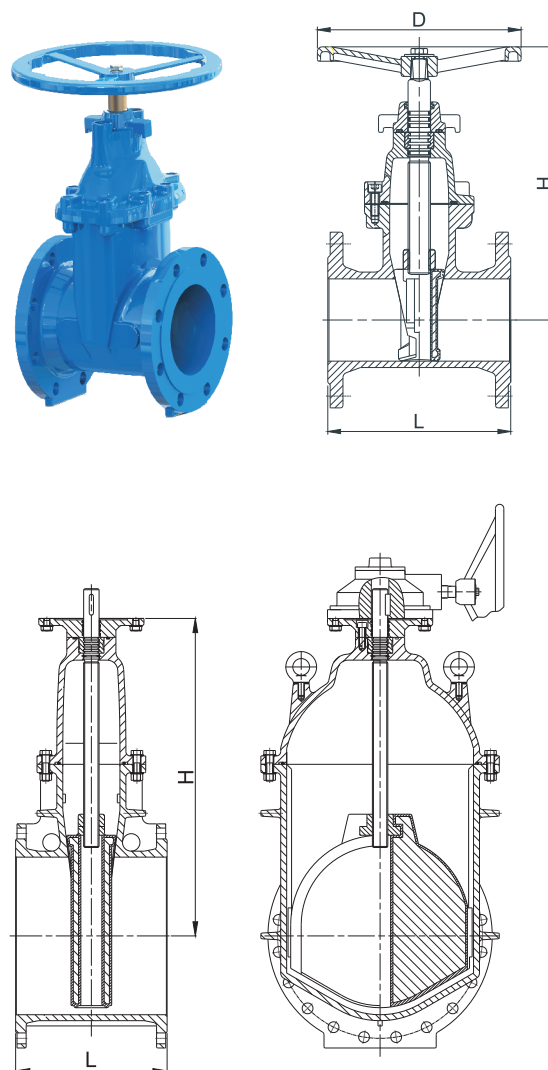
### Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350
L	178	191	203	229	254	267	292	330	356	381
H	265	280	305	340	380	455	540	630	710	727
D	175	175	175	255	305	305	355	405	405	558

Size	DN400	DN450	DN500	DN600	DN700	DN800	DN1000	DN1200	DN1400	-
L	406	432	457	508	610	660	811	1015	1080	-
H	792	907	992	1122	1421	1595	2094	2429	2826	-
D	558	558	610	762	-	-	-	-	-	-

### Schematic



### Notes

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