

## 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.
- DN100 to DN600 valves are certificated to ANSI / NSF61 & 372.

### Corrosion Protection

- Internally and Externally Fusion Bonded Epoxy Powder Coated.

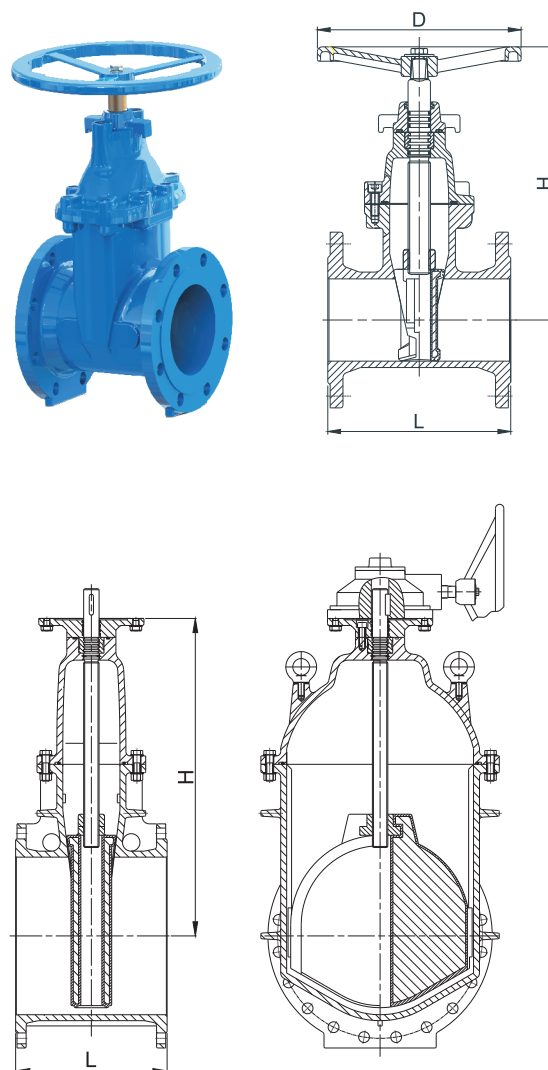
### Material Specification

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

### Schematic



### Main Dimensions (mm)

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

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

### Notes

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