

NRS Resilient Seated Gate Valve

Specification

- Fig. LV3286 size DN50 to DN300
- Fig. LV3246 size DN350 to DN800
- Stem packing with three O-rings, one primary seal and dust seal
- Triple o-ring stem seal
- Flange and drilling complies with EN1092-2 PN10 or PN16
- Face-to-face dimension complies with EN558-1 basic series 3
- WRAS approved: Fig. LV3243, DI body, DI wedge encapsulated with portable water EPDM

Working Pressure and Temperature

- 10 bar / 16 bar rated at -10°C to 120°C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated

Options

- Available with 25 bar
- Stainless steel 304 stem
- Stainless steel fasteners SS304
- Available with handwheel, operating nut or gearbox (bevel gearbox or spur gearbox)
- Size 50 to 600 with handwheel or operating nut, size 350 and above with Gearbox

Material Specification

Part Name	Material	EN Specification
Body	Ductile Iron	EN 1563, GJS-450-10
Bonnet	Ductile Iron	EN 1563, GJS-450-10
Wedge	EPDM Fully Encapsulated Ductile Iron Wedge	
Thrust Collar	Bronze	EN1982, CuAl10Fe3
Wedge Nut	Bronze	EN1982, CuAl10Fe3
Stem	Stainless Steel	EN 10088, X20Cr13
O-Ring	Rubber	EN681 NBR
Gasket	Rubber	EN681 EPDM
Gland	Ductile Iron	EN 1563, GJS-450-10
Operating Nut	Ductile Iron	EN 1563, GJS-450-10
Handwheel	Ductile Iron	EN 1563, GJS-450-10
Fasteners	Carbon Steel	Grade 4.8

Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350
L	BS5163	178	191	203	229	254	267	292	330	381
	DIN 3352 F4	150	170	180	190	200	210	230	250	290
H		240	255	280	305	380	417	525	621	711
D		175	175	255	255	305	305	355	405	558

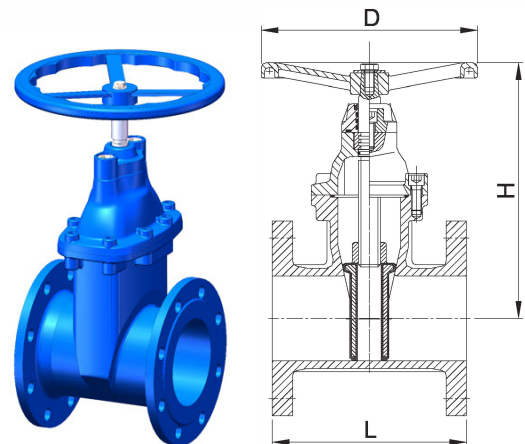
Size	DN400	DN450	DN500	DN600	DN700	DN800	DN1000	DN1200	DN1400	-
L	BS5163	406	432	457	508	610	660	811	1015	1080
	DIN 3352 F4	310	330	350	390	430	470	-	-	-
H		980	1115	1190	1340	1540	1712	2204	2539	2966
D		558	610	610	762	-	-	-	-	-

Notes

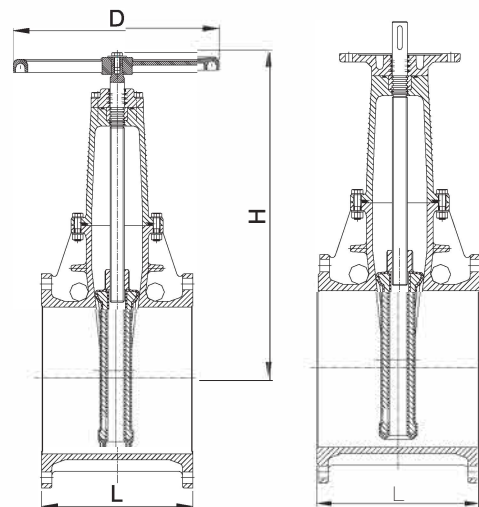
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

FIG. LV3243 - 8S5163
FIG. LV3246/LV3286 - DIN 3352 F4

Schematic



Size 50 to 300



Size 350 and above