



NRS Resilient Seated Gate Valve PN16 Fig. VA3243 Electric Actuator Specification

- ✓ Comply with standard BS5163.
- ✓ Triple O-Ring Stem Seal.
- ✓ Flange and Drilling comply with EN2-1092 PN10 or PN16.
(Other Flange Types available upon request).
- ✓ Face to Face Dimensions comply with EN1-558 basic series 3.
- ✓ Rated Working Pressure 16bar.
- ✓ VA3243C-Top CAP.

Black Protection under the hand wheel is necessary to protect the valve internal parts from the dust

Corrosion Protection

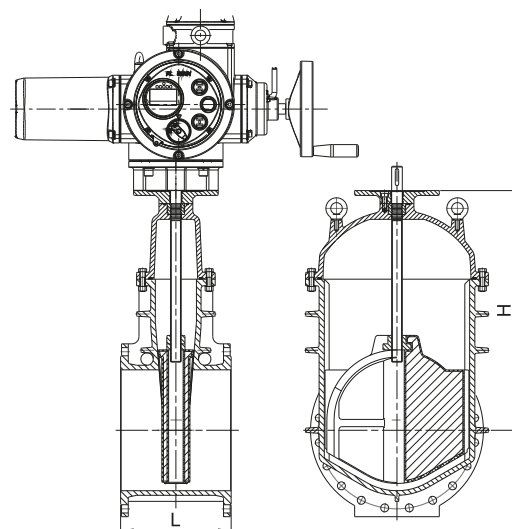
- ✓ Epoxy coating, minimum thickness 250micron, Corrosion resistant construction

Material Specification

No.	Part Name	Material	EN Specification
1	Body	Ductile Iron	EN 1563 EN-GJS-10-450
2	Wedge	EPDM Fully Encapsulated Ductile Iron	
3	Wedge Nut	Brass	EN 12164 CuZn39Pb1
4	Stem	Stainless Steel	EN 10088 X17CrNi 2-16
5	Bonnet	Ductile Iron	EN 1563 EN-GJS-10-450
6	Valve Sleeve	Rubber EPDM	EN681
7	Bushing	Brass	EN 12164 CuZn39Pb1
8	Scraper Seal	Rubber EPDM	EN681
9	O-Ring	Rubber NBR	EN681
10	O-Ring	Rubber NBR	EN681
11	Snap Ring	Brass	EN 12164 CuZn39Pb1
12	Gasket	PTFE	Commercial
13	Stem Seal	Rubber NBR	EN681
14	Screw	Carbon Steel	Grade 8.8
15	Bonnet Gasket	Rubber EPDM	EN681

Features

Rating	PN16
Connection	Flanged BS EN2-1092, PN16 (ex BS 4504)
Working Medium	Water, Oil, Steam
Non-Rising Steam, Resilient Seat, Epoxy Coated, EPDM Coated Disc, Raised Face Flanges.	
HYDROSTATIC TEST PRESSURE	WORKING TEMPERATURE
Shell - 24 bar Seat - 17.6 bar	16 Bar - 10°C to 120°C Water WRAS approved - 10°C to 85°C



Options

- ✓ Available with Handwheel, Operating Nut or Gearbox.
(Bevel Gearbox or Spur Gearbox)
- ✓ The valve is suitable for buried service applications

Main Dimensions (mm)

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

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