



NRS Resilient Seated Gate Valve PN16 Fig. VA3235

Specification

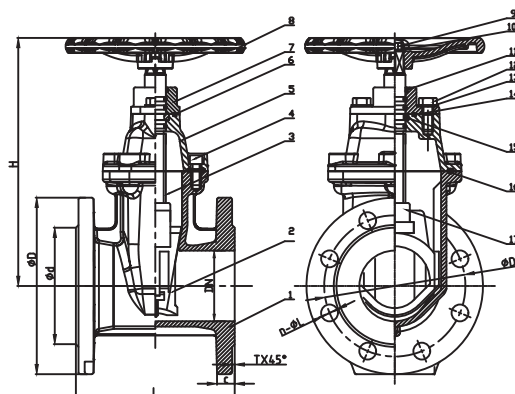
- ✓ Standard: DIN EN558-1 Series 14;
- ✓ Flange specification: DIN EN1092-2;
- ✓ Working Pressure: PN16;
- ✓ Working temperature: 0-80 ;
- ✓ Coating: Fusion Bonded Epoxy Coating Complies with WRAS 250µm;
- ✓ Applications: Potable Water, Water Distribution Service & Feed lines,
- ✓ Sewage Disposal, Irrigation and Fire Protection Pipe System etc.

Material Specification

No.	Part Name	Material
1	Valve Body	Ductile Iron EN-GJS-450-10
2	Resilient Wedge disc	Ductile Iron EN-GJS-450-10+EPDM
3	Stem	SS420
4	Bolt	Carbon Steel Zinc Plated
5	Bonnet	Ductile Iron EN-GJS-450-10
6	O-Ring	NBR
7	Gland flange	Ductile Iron EN-GJS-450-10
8	Handwheel	Ductile Iron EN-GJS-450-10
9	Bolt	Carbon Steel Zinc Plated
10	Flat Washer	Carbon Steel Zinc Plated
11	Ring Washer	EPDM
12	Bolt	Carbon Steel Zinc Plated
13	Flat Water	Carbon Steel Zinc Plated
14	O-Ring	NBR
15	Thrust Washer	Brass
16	Bonnet Gasket	EPDM
17	Wedge nut	Brass

Features

Rating	PN16
Connection	Flanged BS EN1092-2, PN16 (ex BS 4504)
Working Medium	Water, Oil, Steam
Non-Rising Stem, 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



Main Dimensions

DN		PN	Dimensions (mm)							
Inch	mm		L	H	D	D1	d	C	T	n-φL
2"	50	16	150	218	165	125	99	19	3	4-φ19
2.5"	65	16	170	232	185	145	118	19	3	4-φ19
3"	80	16	180	289	200	160	132	19	3	8-φ19
4"	100	16	190	327	220	180	156	19	3	8-φ19
5"	125	16	200	393	250	210	184	19	3	8-φ19
6"	150	16	210	432	285	240	211	19	3	8-φ23
8"	200	16	230	490	340	295	266	20	3	12-φ23
10"	250	16	250	634	405	355	319	22	3	12-φ28
12"	300	16	270	727	460	410	370	24.5	4	12-φ28

Notes

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