

Resilient Seated Gate Valve/EN558 Series 14/ PN10 PN16 PN25

Non-Rising Stem

Model: GV-RS-S-14-I



Features

- Stem sealing package with additional third O-ring ensures
- Replaceable O-ring under pressure according to ISO 7259 better water tightness
- Double lead driving thread made by rolling ensures smooth, quick operation and low torque
- Rubber encapsulated wedge providing seat tightness rate A according to EN 12266-1
- Bonnet gasket wrapping each bolt providing better insulation from environment
- Completely free and full bore design ensures self-cleaning and low pressure loss
- Clockwise closing direction non-rising stem
- Fusion bonded epoxy coated inside and outside for the coating units, used to produce heavy-duty corrosion protection for valves and fittings according to DIN 30677-2 and DIN 3476
- Product color: Blue RAL 5005
- Non-alloy steel fasteners made from non-alloy structural steels are with non-electrolytically applied zinc coating according to EN ISO 10683. On request they may made from electrolytically applied zinc coating according to EN ISO 2081 or EN ISO 4042

Technical Specifications

- Design: EN 1074-1 and 2; EN 1171
- Face to Face: EN 558 / ISO 5752 - 14 base series
- Flanges: EN 1092-2 PN10/16/25
- Hydraulic test to EN12266-1
- Operating torque test
- Media: Potable water and other non-aggressive fluids
- Nominal pressure designation PN10 PN16/PN25 bar
- Temperature range 0°C...60°C

Optional Extras

- Handwheel
- Extension Spindle / T Key
- Gearbox

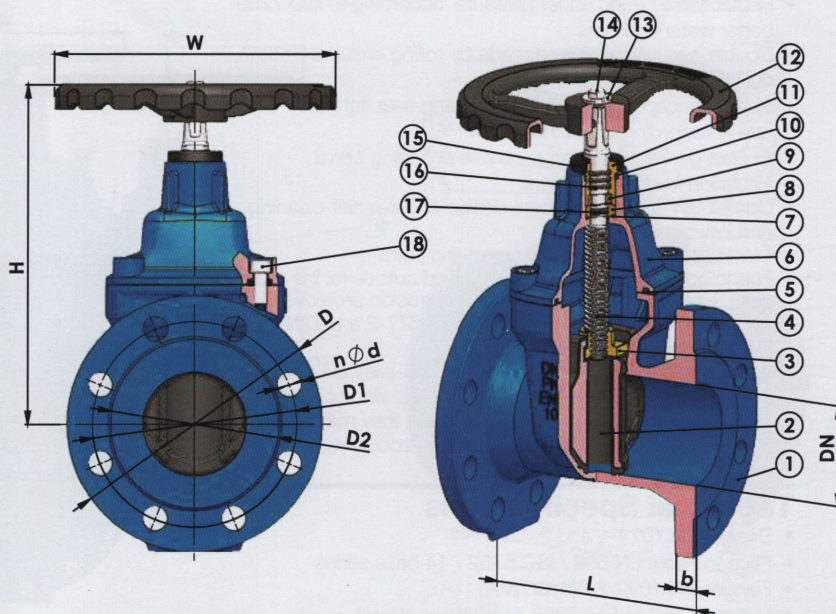
Material Specifications

Item	Part Name	Material	Grade	Item	Part Name	Material	Grade
1	Body	DI	EN-GJS-500-7 (5.3200) EN 1563	11	Stuffing nut	Brass	CuZn39Pb1 (CW611N) EN 12167
2	Wedge	DI+Rubber	EN-GJS-500-7 (5.3200) EN 1563 + EPDM EN 681-1	12	Handwheel	DI	EN-GJS-500-7 (5.3200) EN 1563
3	Wedge nut	Brass	CuZn36Pb2As (CW602N) EN 12167	13	Washer	SS	X5CrNi18-10 A2 (1.4301) EN ISO 3506-1 EN ISO 7089 (DIN 125 A2/A4)
4	Stem	SS	X20Cr13 (1.4021) EN10088-3	14	Bolt	SS	X5CrNi18-10 A2-70 (1.4301) EN ISO 3506-1 EN ISO 4017 8.8 (DIN 933 A2/A4)
5	Gasket	Rubber	EPDM EN 681-1	15	Dust guard	Rubber	NBR EN 681-1
6	Bonnet	DI	EN-GJS-500-7 (5.3200) EN 1563	16 17	O-rings	Rubber	EPDM EN 681-1
7	O-ring	Rubber	EPDM EN 681-1	18	Bolt	CS Zn plated	S235JR Zink coated (1.0038) EN 10025-2 EN ISO 4762 8.8 (DIN 912)
8	O-ring bayonet	Brass	CuZn39Pb1 (CW611N) EN 12167			SS (on request)	X5CrNi18-10 A2 (1.4301) EN ISO 3506-1 EN ISO 4014 8.8 (DIN 931 A2/A4)
9	Support ring	Brass	CuZn39Pb1 (CW611N) EN 12167				
10	Semi collar	Brass	CuZn39Pb1 (CW611N) EN 12167				

Dimensions

Size	L	D			D1			D2			b			n-ød			H	W	ØF	No. of turns to close	Closing Torque (N.m)	
		PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25					PN10/16	PN25
DN40	140	150	150	150	110	110	110	84	84	84	19	19	19	4-Ø19	4-Ø19	4-Ø19	215	Ø180	14	9	30	40
DN50	150	165	165	165	125	125	125	99	99	99	19	19	19	4-Ø19	4-Ø19	4-Ø19	215	Ø180	14	9	30	50
DN65	170	185	185	185	145	145	145	118	118	118	19	19	19	4-Ø19	4-Ø19	8-Ø19	250	Ø200	17	10	30	60
DN80	180	200	200	200	160	160	160	132	132	132	19	19	19	8-Ø19	8-Ø19	8-Ø19	275	Ø200	17	12	35	70
DN100	190	220	220	235	180	180	190	156	156	156	19	19	19	8-Ø19	8-Ø19	8-Ø23	320	Ø220	19	12	43	80
DN125	200	250	250	270	210	210	220	184	184	184	19	19	19	8-Ø19	8-Ø19	8-Ø28	355	Ø250	19	14.5	60	100
DN150	210	285	285	300	240	240	250	211	211	211	19	19	20	8-Ø23	8-Ø23	8-Ø28	400	Ø280	19	17	70	120
DN200	230	340	340	360	295	295	310	266	266	274	20	20	22	8-Ø23	12-Ø23	12-Ø28	495	Ø315	24	18.5	120	160
DN250	250	395	405	425	350	355	370	319	319	330	22	22	24.5	12-Ø23	12-Ø28	12-Ø31	590	Ø406	27	23	150	200
DN300	270	445	460	485	400	410	430	370	370	389	24.5	24.5	27.5	12-Ø23	12-Ø28	16-Ø31	670	Ø406	27	27	180	240

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DN40 - DN300