

Resilient Seated Gate Valve/EN558 Series 14–15/PN16 Non-Rising Stem

MODEL: GV-RS(A)-XL-14-H / GV-RS(A)-XL-15-H

Features

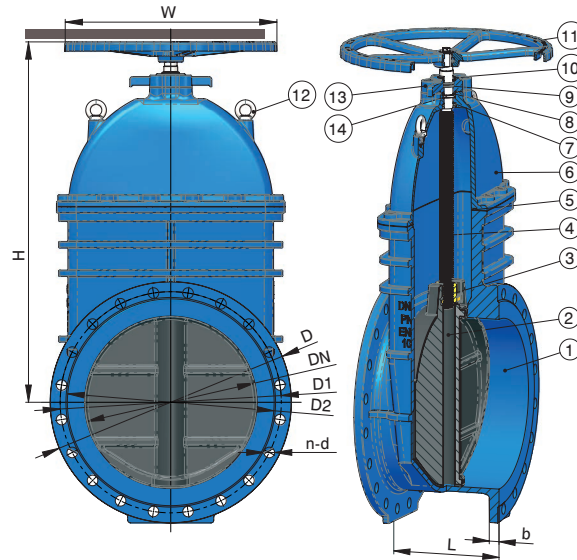
- Replaceable O-ring according ISO 7259
- Low torque operation and abrasion resistance
- Rubber encapsulated wedge
- Clockwise closing direction
- Fusion bonded epoxy coated inside and outside
- Product color: Blue RAL 5005 or RAL 5017
- Maximum temperature 80°C

Technical Specifications

- Design: EN 1074-1 and 2; EN 1171
- Face to Face : EN 558 / ISO 5752 – 14 and 15 base series
- Flanges: EN 1092-2 PN10/16
- Hydraulic test EN12266-1
Seat Test Pressure: 17.6 bar
Shell Test Pressure: 24 bar
Operating torque test
- Nominal pressure designation PN16 bar

Optional Extras

- Stem Cap
- Position Indicator
- Top flange in acc. to ISO 5210 B3
- Extension Spindle / T Key
- Gear Box



Material Specifications

Item	Part Name	Material	Grade
1	Body	DI	EN-JS 1050 (EN-GJS-500-7) EN 1563
2	Wedge	DI+Rubber	EN-JS 1050 (EN-GJS-500-7) EN 1563 + EPDM /NBR EN 681-1
3	Wedge Nut	Brass	CW602 N (CuZn36Pb2As) EN 12167
4	Stem	Stainless steel	1.4021 (X20Cr13) EN10088-3-3
5	Bonnet Gasket	Rubber	EPDM/NBR EN 681-1
6	Bonnet	DI	EN-JS 1050 (EN-GJS-500-7) EN 1563
7	Back Sealing O Ring	Rubber	EPDM/NBR EN 681-1
8	Thrust Washer	Plastic	PA (Nylon) EN ISO 1874
9	O-Ring	Rubber	EPDM/NBR EN 681-1
10	Dust Guard	Rubber	NBR EN 681-1
11	Hand Wheel	GI	EN-JL 1040 (EN-GJL-250) EN 1561
12	Eye Bolt	Zinc-plated Carbon Steel	DIN 358
13	Gland Flange	DI	EN-JS 1050 (EN-GJS-500-7) EN 1563

Dimensions

Size	L		D	D1	D2	b	n-d	H	H1	W	W.T(kg)		Top Flange	Torque
	F4	F5									F4	F5		
DN350	290	550	520	470	429	26.5	16-28	762	852	450	180	225	F16	350
DN400	310	600	580	525	480	28	16-31	836	926	450	235	294	F16	400
DN450	330	650	640	585	548	30	20-31	957	1047	640	345	431	F16	450
DN500	350	700	715	650	609	31.5	20-34	1036	1126	640	415	519	F25	500
DN600	390	800	840	770	720	36	20-37	1188	1278	640	575	719	F25	600

Resilient Seated Gate Valve/EN558 Series 14/PN16

Non-Rising Stem

MODEL: GV-RS-S-14-H

Features

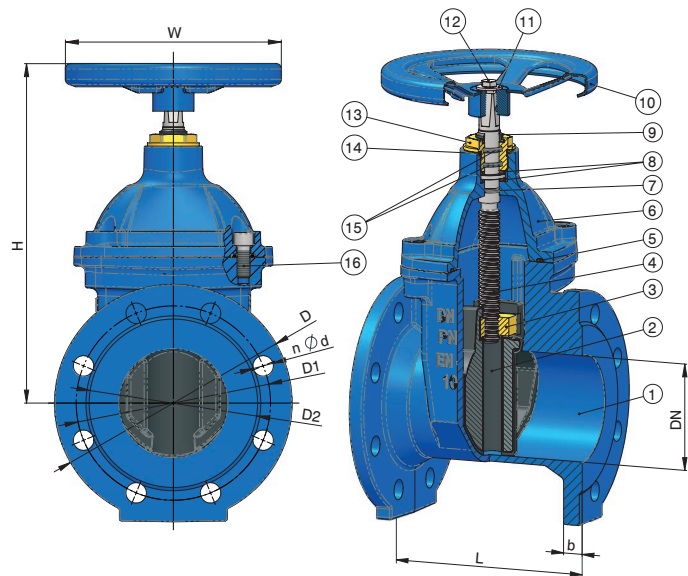
- Replaceable O-ring according ISO 7259
- Low torque operation and abrasion resistance
- Rubber encapsulated wedge
- Clockwise closing direction
- Fusion bonded epoxy coated inside and outside
- Product color: Blue RAL 5005 or RAL 5017
- Maximum temperature 80°C

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
- Hydraulic test to EN12266-1
- Seat Test Pressure: 17.6 bar
- Shell Test Pressure: 24 bar
- Operating torque test
- Nominal pressure designation PN16 bar

Optional Extras

- Stem Cap
- Position Indicator
- Extension Spindle / T Key



Material Specifications

Item	Part Name	Material	Grade	Item	Part Name	Material	Grade
1	Body	Ductile iron	EN-JS-1050(EN-GJS-500-7) EN 1563	9	Dust guard	Rubber	NBR EN 681-1
2	Wedge	DI+Rubber	EN-JS 1050 (EN-GJS-500-7) EN 1563 + EPDM /NBR EN 681-1	10	Handwheel	Steel	S235 JR EN 10025
3	Wedge Nut	Brass	CW602 N (CuZn36Pb2As) EN 12167	11	Washer	Stainless steel	EN ISO 7089
4	Stem	Stainless steel	1.4021 (X20Cr13) EN10088-3	12	Bolt	Stainless steel	EN ISO 4017
5	Bonnet gasket	Rubber	EPDM/NBR EN 681-1	13	Stuffing nut	Brass	CW602 N (CuZn36Pb2As) EN 12167
6	Bonnet	Ductile iron	EN-JS 1050 (EN-GJS-500-7) EN 1563	14	O Ring	EPDM/NBR	EPDM/NBR EN 681-1
7	O Ring	EPDM/NBR	EPDM/NBR EN 681-1	15	O Ring	EPDM/NBR	EPDM/NBR EN 681-1
8	Thrust washer	Plastic	PA(Nylon) EN ISO 1874	16	Bolt	Stainless steel	EN ISO 4762

Dimensions

Size	L	D	D1	D2	b	n-d	H	W	W.T(kg)
DN40	140	150	110	84	19	4-19	240	160	9
DN50	150	165	125	99	19	4-19	250	160	11
DN65	170	185	145	118	19	4-19	265	180	14
DN80	180	200	160	132	19	8-19	300	200	17
DN100	190	220	180	156	19	8-19	350	200	21
DN125	200	250	210	184	19	8-19	410	220	29
DN150	210	285	240	211	19	8-23	450	250	38
DN200	230	340	295	266	20	12-23	550	280	58
DN250	250	405	355	319	22	12-28	650	320	90
DN300	270	460	410	370	24.5	12-28	710	350	120