

FLANGED SOFT SEALING GATE VALVE S15 3000

with gearbox

DN 40 - 600 PN10/16

11.202GK



Product description

- Flanged soft sealing gate valve series 3000 with Auma multi-turn gearbox for waste water
- Face-to-face length – S15
- Service temperature from 0°C (excluding frost) to 70°C

Standards

- Designed according to EN 1074 parte 1 & 2 and EN 1171
- Flange drilling to EN 1092-2 PN10/16
- Face-to-face according to EN 558 serie 15
- ISO top flange according to ISO 5210
- Auma multi-turn gearbox according to EN 15714-2

Tests

All valves are individually hydrostatically tested according to EN 1074-1/2 and EN 12266:

- Seal 1.1 x PN (in bar); Body: 1.5 x PN (in bar)

Corrosion protection

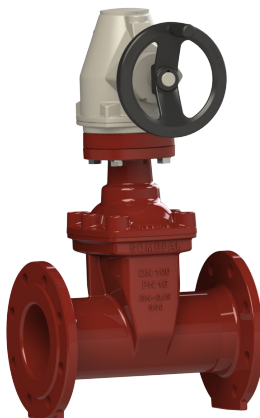
- Epoxy powder coating RAL 3011
- Applied internal and external with a minimum coating thickness of 250 µm
- Fusion bonded epoxy coating according DIN 3476-1, EN 14901-1 and GSK (RAL-GZ662) guidelines

Approvals

- ACS Potability Certificate 15 ACC NY 005
- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Isolation valve for waste water with full bore
- The valves from DN 250 to DN 300 are equipped with an axial bearing, from DN 350 to DN 600 are equipped with two thrust bearings to ensure reduced operating torque
- Stainless steel stem with rolled threads produced by cold rolling process, which keeps the steel structure and increase its mechanical resistance
- Stem sealing system with 4 O-rings in NBR, exchangeable under pressure
- Wedge fully vulcanized with NBR
- Top of the wedge conceived with “soft stop” system, which acts as an end stop for the fully open valve
- Wedge with brass nut fixed in the wedge core preventing vibration and ensure a long life span
- Wedge and body designed with “monorail” system
- Round EPDM bonnet gasket fixed in a recess, surrounding the bolts, ensuring a perfect seal
- Body/bonnet bolts in stainless steel A2 encased and sealed ensuring full corrosion protection
- Multi-turn Auma GK IP68
- On request possibility of wedge nut in different brass grades.



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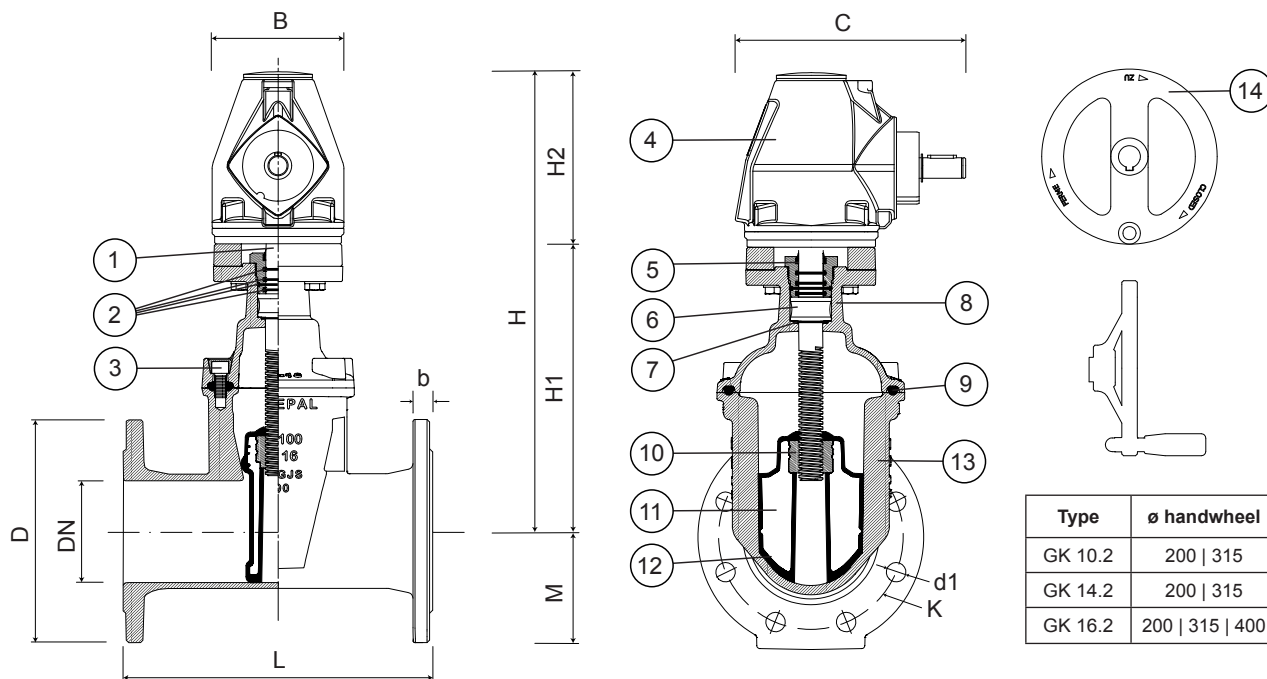
Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.



FLANGED SOFT SEALING GATE VALVE S14 3000

with gearbox
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Component list

pos.	components	material	standard
1	Stem	Stainless steel AISI 316L	EN 10088 - 1
2	O-rings	Elastomer NBR	EN 681 - 1
3	Bolts	Stainless steel A2	EN 10088 - 1
4	Multi-turn gearbox	-	-
5	Clearing joint	Elastomer	-
6	Stem washer	Brass DZR CW602N	EN 12164
7	O-rings	Elastomer NBR	EN 681 - 1
8	Bonnet	Ductile iron EN-GJS-500-7	EN 1563

pos.	components	material	standard
9	Bonnet gasket	Elastomer NBR	EN 681 - 1
10	Wedge nut	Brass DZR CW626N	EN 12164
11	Wedge	Ductile iron EN-GJS-500-7	EN 1563
12	Wedge covering	Elastomer EPDM	EN 681 - 1
13	Body	Ductile iron EN-GJS-500-7	EN 1563
14	Handwheel	Printed steel ST W24	EN 10111 and 10130

Reference and dimensions

DN	PN	code	D	L	H	H1	M	K	n° x d1	b	ISO 5210 flange	AUMA atuator	B	C	H2	Kg approx.
			mm	mm	mm	mm	mm	mm	mm	mm			mm	mm	mm	
40	10/16	10738500GK	150	240	347	177	75	110	4 x 19	19	F10	GK 10.2	130	215	170	20
50	10/16	10738510GK	165	250	378	208	83	125	4 x 19	19	F10	GK 10.2	130	215	170	22
60	10/16	10738520GK	175	270	387	217	88	135	4 x 19	19	F10	GK 10.2	130	215	170	24
65	10/16	10738530GK	185	270	387	217	93	145	4 x 19	19	F10	GK 10.2	130	215	170	24
80	10/16	10738540GK	200	280	425	253	100	160	8 x 19	19	F10	GK 10.2	130	215	170	29
100	10/16	10738550GK	220	300	456	286	110	180	8 x 19	19	F10	GK 10.2	130	215	170	33
125	10/16	10738560GK	250	325	493	323	125	210	8 x 19	19	F10	GK 10.2	130	215	170	39
150	10/16	10738570GK	285	350	554	384	143	240	8 x 23	19	F10	GK 10.2	130	215	170	53
200	10	10738580GK	340	400	629	459	115	295	8 x 23	20	F10	GK 10.2	130	215	170	68
200	16	10738585GK	340	400	629	459	115	295	12 x 23	20	F10	GK 10.2	130	215	170	68
250	10	10738590GK	400	450	733	545	200	350	12 x 23	22	F14	GK 14.2	180	265/285	188	113
250	16	10738595GK	400	450	733	545	200	355	12 x 28	22	F14	GK 14.2	180	265/285	188	113
300	10	10738600GK	455	500	808	620	228	400	12 x 23	24.5	F14	GK 14.2	180	265/285	188	152
300	16	10738605GK	455	500	808	620	228	410	12 x 28	24.5	F14	GK 14.2	180	265/285	188	152
350	10	10738610GK	505	550	1063	875	253	460	16 x 23	24.5	F14	GK 14.2	180	265/285	188	272
350	16	10738615GK	520	550	1063	875	260	470	16 x 28	26.5	F14	GK 14.6	180	265/285	188	276
400	10	10738620GK	565	600	1063	875	283	515	16 x 28	24.5	F14	GK 14.6	180	265/285	188	295
400	16	10738625GK	580	600	1063	875	290	525	16 x 31	28	F14	GK 14.6	180	265/285	188	298
450	10	10738630GK	615	650	1243	1055	308	565	20 x 28	25.5	F14	GK 14.6	180	265/285	188	466

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continued from previous page

DN	PN	code	D	L	H	H1	M	K	n° x d1	b	ISO 5210 flange	AUMA atuator	B	C	H2	Kg approx.
			mm	mm	mm	mm	mm	mm	mm	mm			mm	mm	mm	
450	16	10738635GK	640	650	1243	1055	320	585	20 x 31	30	F14	GK 14.6	180	105/123	188	483
500	10	10738640GK	670	700	1243	1055	335	620	20 x 28	26.5	F14	GK 14.6	180	105/123	188	500
500	16	10738645GK	715	700	1243	1055	358	650	20 x 34	31.5	F14	GK 14.6	180	105/123	188	517
600	10	10738650GK	780	800	1370	1290	1680	725	20 x 31	30	F16	GK 16.2	230	344	188	674
600	16	10738655GK	840	800	1370	1290	1710	770	20 x 37	36	F16	GK 16.2	230	344	188	724

For more information on the Auma multi-turn gearbox consult the manufacturer's technical documentation.



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