

FLANGED METAL SEATED GATE VALVE S15

with gearbox

DN 40 - 700 PN10/16/25/40

04.501GK



Product description

- Flanged metal sealing gate valve with AUMA multi-turn gearbox for drinking water and neutral liquids
- Service temperature from 0°C (excluding frost) to 70°C

Standards

- Designed according to EN 1074 part 1 & 2 and EN 1171
- Flange drilling to EN 1092-2 PN10/16/25/40
- Face-to-face according to EN 558 series 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 5005
- 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

Features

- Isolation valve and regulates the flow
- Full bore
- Robust conception, with inside stem and manual gearbox
- Stainless steel stem with rolled threads produced by cold rolling process, which keeps the steel structure and increase its mechanical resistance
- Body and wedge seat in bronze seated firmly and machined to obtain a perfect surface finish, ensuring a perfect seal
- Wedge with guides that provides a stable maneuver
- Stem sealing system with 2 O-rings in EPDM with adjustable gland box
- Multi-turn Auma IP68 gearbox
- On request possibility of stem and seats in stainless steel AISI 316L and by-pass.



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Head office: Estrada de Coselhas, 3000-125 Coimbra – Portugal | Tel.: (+351) 239 490100 | Fax: (+351) 239 490198

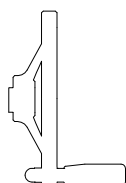
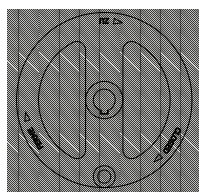
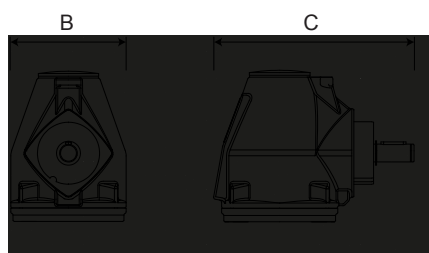
Branch office: Rua de Aveiro 50, 3050-420 Pampilhosa – Portugal | Tel.: (+351) 239 490100 | Fax: (+351) 231 949292 | comercial@fucoli-somepal.pt

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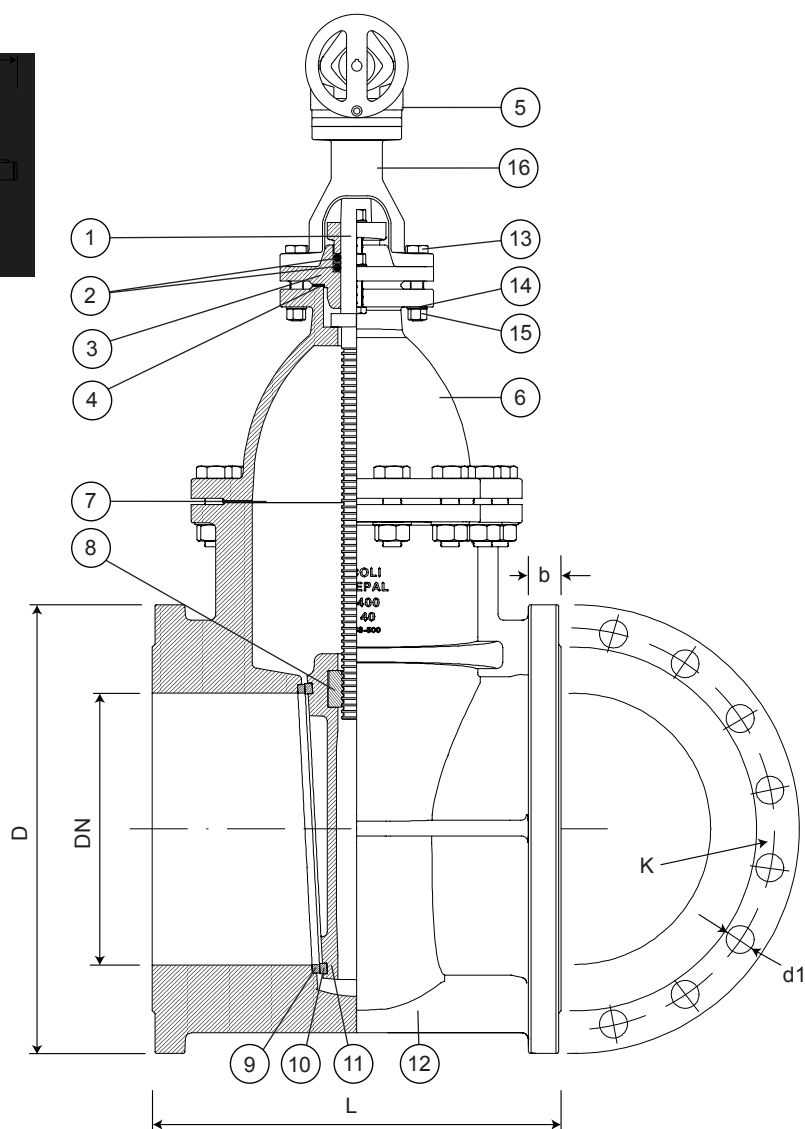
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Tipo	ø volante
GK 10.2	200 315
GK 14.2	200 315
GK 16.2	200 315 400



Component list

pos.	components	material	standard
1	Stem	Stainless steel AISI 420	EN 10088 - 1
2	O-ring	Elastomer EPDM	EN 681 - 1
3	Gland box	Ductile iron EN-GJS-500-7	EN 1563
4	Sealing washer	Cardboard gasket	BS 7531
5	Multi-turn gearbox	-	-
6	Bonnet	Ductile iron EN-GJS-500-7	EN 1563
7	Bonnet gasket	Cardboard gasket	BS 7531
8	Wedge nut	Bronze	EN 1982
9	Body seat	Bronze	EN 1982
10	Wedge seat	Bronze	EN 1982

pos.	components	material	standard
11	Wedge	Ductile iron EN-GJS-500-7	EN 1563
12	Body	Ductile iron EN-GJS-500-7	EN 1563
13	Bolts	Steel zinc plated cl 8.8	ISO 898 - 1
14	Washers	Steel zinc plated	ISO 898 - 2
15	Nuts	Steel zinc plated cl 8.8	ISO 898 - 2
16	Headstock	Ductile iron EN-GJS-500-7	EN 1563

Reference and dimensions

DN	PN	code	D	L	K	n° x d1	b	ISO 5210 flange	AUMA gearbox	B	C	Kg approx.
			mm	mm	mm	mm	mm			mm	mm	
40	10/16	10720175GKVOL	150	240	110	4 x 19	19	F10	GK 10.2	130	105	-
40	25	10720200GKVOL	150	240	110	4 x 19	19	F10	GK 10.2	130	105	-
40	40	10720201GKVOL	150	240	110	4 x 19	19	F10	GK 10.2	130	105	-

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DN	PN	code	D	L	K	n° x d1	b	ISO 5210 flange	AUMA gearbox	B	C	Kg approx.
			mm	mm	mm	mm	mm			mm	mm	
50	10/16	10720176GKVOL	165	250	125	4 x 19	19	F10	GK 10.2	130	215	-
50	25	10720202GKVOL	165	250	125	4 x 19	19	F10	GK 10.2	130	215	-
50	40	10720203GKVOL	165	250	125	4 x 19	19	F10	GK 10.2	130	215	-
60	10/16	10720177GKVOL	175	270	135	4 x 19	19	F10	GK 10.2	130	215	-
60	25	10720204GKVOL	175	270	135	8 x 19	19	F10	GK 10.2	130	215	-
60	40	10720205GKVOL	175	270	135	8 x 19	19	F10	GK 10.2	130	215	-
65	10/16	10720178GKVOL	185	270	145	4 x 19	19	F10	GK 10.2	130	215	-
65	25	10720206GKVOL	185	270	145	8 x 19	19	F10	GK 10.2	130	215	-
65	40	10720207GKVOL	185	270	145	8 x 19	19	F10	GK 10.2	130	215	-
80	10/16	10720179GKVOL	200	280	160	8 x 19	19	F10	GK 10.2	130	215	-
80	25	10720208GKVOL	200	280	160	8 x 19	19	F10	GK 10.2	130	215	-
80	40	10720209GKVOL	200	280	160	8 x 19	19	F10	GK 10.2	130	215	-
100	10/16	10720180GKVOL	220	300	180	8 x 19	19	F10	GK 10.2	130	215	-
100	25	10720210GKVOL	235	300	190	8 x 23	19	F10	GK 10.2	130	215	-
100	40	10720211GKVOL	235	300	190	8 x 23	19	F10	GK 10.2	130	215	-
125	10/16	10720181GKVOL	250	325	210	8 x 19	19	F10	GK 10.2	130	215	-
125	25	10720212GKVOL	270	325	220	8 x 28	19	F10	GK 10.2	130	215	-
125	40	10720213GKVOL	270	325	220	8 x 28	23.5	F10	GK 10.2	130	215	-
150	10/16	10720182GKVOL	285	350	240	8 x 23	19	F14	GK 14.2	180	265/285	-
150	25	10720214GKVOL	300	350	250	8 x 28	20	F14	GK 14.2	180	265/285	-
150	40	10720215GKVOL	300	350	250	8 x 28	26	F14	GK 14.2	180	265/285	-
200	10	10720318GKVOL	340	400	295	8 x 23	20	F14	GK 14.2	180	265/285	-
200	16	10720198GKVOL	340	400	295	12 x 23	20	F14	GK 14.2	180	265/285	-
200	25	10720218GKVOL	360	400	310	12 x 28	22	F14	GK 14.2	180	265/285	-
200	40	10720284GKVOL	375	400	320	12 x 31	30	F14	GK 14.2	180	265/285	-
250	10	10720320GKVOL	400	450	350	12 x 23	22	F14	GK 14.2	180	265/285	-
250	16	10720199GKVOL	400	450	355	12 x 28	22	F14	GK 14.2	180	265/285	-
250	25	10720220GKVOL	425	450	370	12 x 31	24.5	F14	GK 14.2	180	265/285	-
250	40	10720285GKVOL	450	450	385	12 x 34	34	F14	GK 14.2	180	265/285	-
300	10	10720183GKVOL	455	500	400	12 x 23	24.5	F14	GK 14.2	180	265/285	-
300	16	10720186GKVOL	455	500	410	12 x 28	24.5	F14	GK 14.2	180	265/285	-
300	25	10720222GKVOL	485	500	430	16 x 31	27.5	F14	GK 14.2	180	265/285	-
300	40	10720286GKVOL	515	500	450	16 x 34	39.5	F14	GK 14.2	180	265/285	-
350	10	10720196GKVOL	505	550	460	16 x 23	24.5	F14	GK 14.2	180	265/285	-
350	16	10720187GKVOL	520	550	470	16 x 28	26.5	F14	GK 14.2	180	265/285	-
350	25	10720224GKVOL	555	550	490	16 x 34	30	F14	GK 14.2	180	265/285	-
350	40	10720302GKVOL	580	550	510	16 x 37	44	F14	GK 14.2	180	265/285	-
400	10	10720326GKVOL	565	600	515	16 x 28	24.5	F14	GK 14.2	180	265/285	-
400	16	10720188GKVOL	580	600	525	16 x 31	28	F14	GK 14.2	180	265/285	-
400	25	10720226GKVOL	620	600	550	16 x 37	32	F14	GK 14.2	180	265/285	-
400	40	10720304GKVOL	660	600	585	16 x 41	48	F14	GK 14.2	180	265/285	-
450	10	10720328GKVOL	615	650	565	20 x 28	25.5	F14	GK 14.2	180	265/285	-
450	16	10720189GKVOL	640	650	585	20 x 31	30	F14	GK 14.6	180	265/285	-
450	25	10720228GKVOL	670	650	600	20 x 37	34.5	F14	GK 14.6	180	265/285	-
450	40	10720306GKVOL	685	650	610	20 x 41	49	F14	GK 14.6	180	265/285	-
500	10	10720333GKVOL	670	700	620	20 x 28	26.5	F14	GK 14.6	180	265/285	-
500	16	10720335GKVOL	715	700	650	20 x 34	31.5	F14	GK 14.6	180	265/285	-

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			mm	mm	mm	mm	mm			mm	mm	
500	25	10720230GKVOL	730	700	660	20 x 37	36.5	F14	GK 14.6	180	265/285	-
500	40	10720308GKVOL	755	700	670	20 x 44	52	F14	GK 14.6	180	265/285	-
600	10	10720337GKVOL	780	800	725	20 x 31	30	F16	GK 16.2	230	344	-
600	16	10720191GKVOL	840	800	770	20 x 37	36	F16	GK 16.2	230	344	-
600	25	10720232GKVOL	845	800	770	20 x 41	42	F16	GK 16.2	230	344	-
600	40	10720310GKVOL	890	800	795	20 x 50	58	F16	GK 16.2	230	344	-
700	10	10720339GKVOL	895	900	840	24 x 31	32.5	F16	GK 16.2	230	344	-
700	16	10720192GKVOL	910	900	840	24 x 37	39.5	F16	GK 16.2	230	344	-
700	25	10720234GKVOL	910	900	840	24 x 37	39.5	F16	GK 16.2	230	344	-

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



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