

FLANGED SOFT SEALING GATE VALVE S14 3000

with AUMA electric actuator

DN 40 - 600 PN10/16

01.102A



Product description

- Flanged soft sealing gate valve series 3000 with AUMA electric actuator for drinking water and neutral liquids
- 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 14
- ISO top flange according to ISO 5210
- Auma Norm multi-turn electric actuators with enclosure IP68 according to EN 60529

Tests

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

- 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
- Potable water approved epoxy coating, fusion bonded according DIN 3476-1, EN 14901-1 and GSK approved

Approvals

- ACS Potability Certificate 26 ACC NY 096
- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Isolation valve approved for drinking 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 EPDM
- O-ring stem sealing exchangeable under pressure
- Wedge fully vulcanized with drinking water approved EPDM
- 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
- Auma Norm electric actuator multi-turn SA with three-phase AC motors (3PH - 400V - 50Hz - IP68)
- On request possibility of stem in stainless steel AISI 316L, NBR sealings, wedge nut in different brass alloys, actuator Auma Norm single phase, Auma Matic, Aumatic or others.



Fucoli-Somepal
FUNDIÇÃO DE FERRO, S. A.

Visit our website at www.fucoli-somepal.pt

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

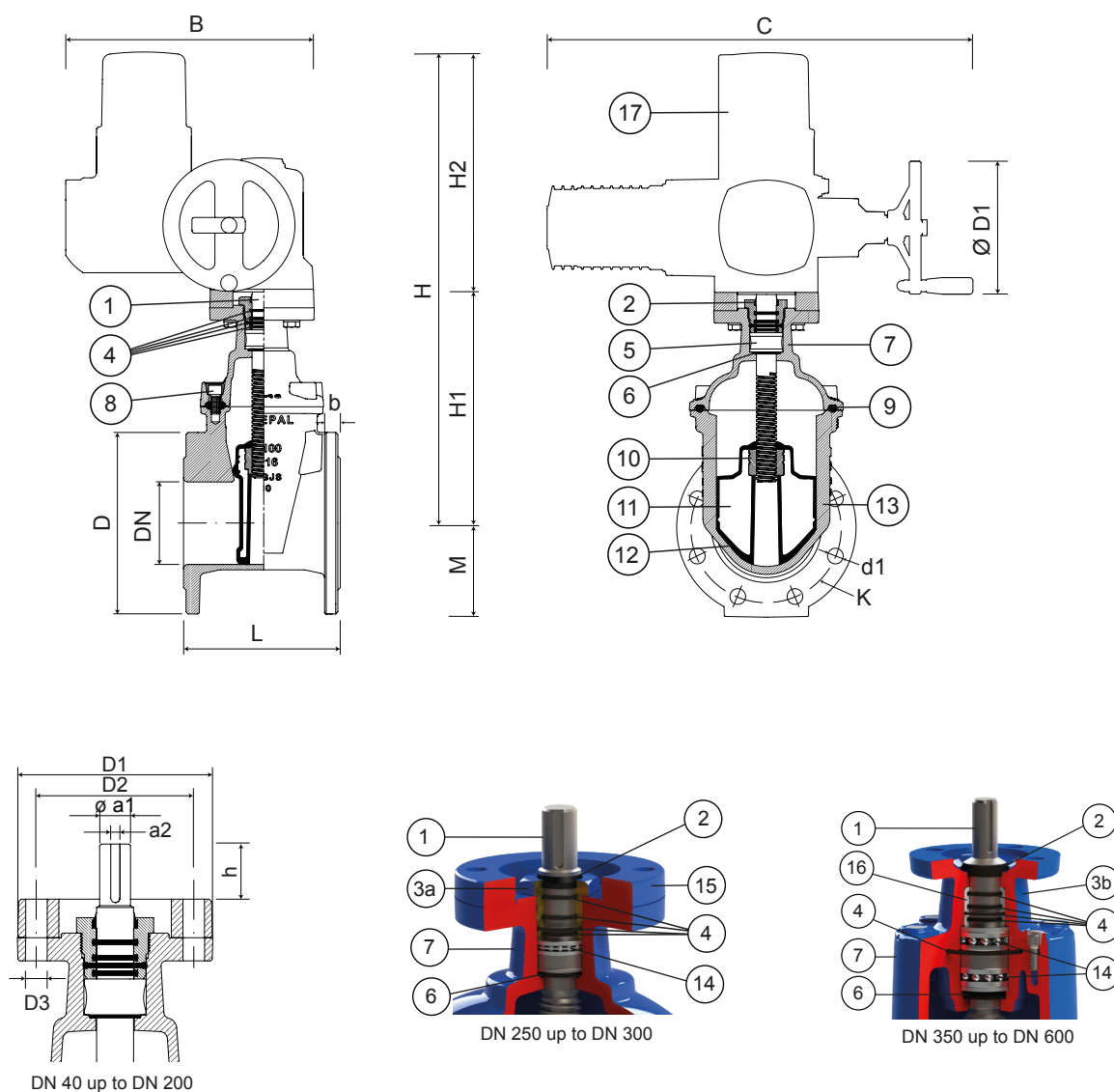
Branch office: Rua de Aveiro 50, 3050-420 Pampilhosa – Portugal | Tel.: (+351) 239 490100 | comercial@fucoli-somepal.pt

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Component list

pos	components	material	standard
1	Stem	Stainless stell AISI 420	EN 10088-1
2	Clearing joint	Elastomer	-
3a	Gland	Brass DZR CW626N	EN 12164
3b	Gland	Ductile iron EN-GJS-500-7	EN 1563
4	O-rings	Elastomer EPDM	EN 681-1
5	Stem washer	Brass DZR CW602N	EN 12164
6	O-rings	Elastomer EPDM	EN 681-1
7	Bonnet	Ductile iron EN-GJS-500-7	EN 1563
8	Bolts	Stainless steel A2	EN 10088-1

pos	components	material	standard
9	Bonnet gasket	Elastomer EPDM	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	Bearing	Steel	ISO 20516
15	Mounting flange	Ductile iron EN-GJS-500-7	EN 1563
16	Gland-bush	POM	-
17	AUMA electric actuator	-	-

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All the drawing, technical data, dimensions and weights are not binding. Subject to change. The components may be replaced by equivalent or higher materials without prior notice.

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Reference and dimensions

DN	PN	code	D	L	H	H1	M	K	n° x d1	b	ISO 5210 flange	AUMA actuator	B	C	Ø D1	H2	RPM actuator	closed time s.	Kg aprox
			mm	mm	mm	mm	mm	mm	mm	mm			mm	mm	mm	mm			
40	10/16	10725500A	150	140	177	75	75	110	4 x 19	19	F10	SA 07.6	300	514	160	288	45	17	35
50	10/16	10725510A	165	150	208	82,5	82,5	125	4 x 19	19	F10	SA 07.6	300	514	160	288	45	17	37
60	10/16	10725520A	175	170	216	92,5	92,5	135	4 x 19	19	F10	SA 07.6	300	514	160	288	45	18	39
65	10/16	10725530A	185	170	216	92,5	92,5	145	4 x 19	19	F10	SA 07.6	300	514	160	288	45	18	43
80	10/16	10725540A	200	180	253,5	100	100	160	8 x 19	19	F10	SA 07.6	300	514	160	288	45	22	44
100	10/16	10725550A	220	190	283	110	110	180	8 x 19	19	F10	SA 10.2	313	537	200	290	45	27	51
125	10/16	10725560A	250	200	324	125	125	210	8 x 19	19	F10	SA 10.2	313	537	200	290	45	34	56
150	10/16	10725570A	285	210	382,8	142,5	142,5	240	8 x 23	19	F10	SA 10.2	313	537	200	290	45	40	64
200	10	10725580A	340	230	455	170	170	295	8 x 23	20	F10	SA 10.2	313	537	200	290	45	45	81
200	16	10725585A	340	230	455	170	170	295	12 x 23	20	F10	SA 10.2	313	537	200	290	45	45	81
250	10	10725590A	400	250	542,4	200	200	350	12 x 23	22	F14	SA 14.2	377	725	315	316	22	114	136
250	16	10725595A	400	250	542,4	200	q200	355	12 x 28	22	F14	SA 14.2	377	725	315	316	22	114	136
300	10	10725600A	455	270	615	227,5	227,5	400	12 x 23	24,5	F14	SA 14.2	377	725	315	316	22	137	166
300	16	10725605A	455	270	615	227,5	227,5	410	12 x 28	24,5	F14	SA 14.2	377	725	315	316	22	137	169
350	10	10725610A	505	290	876	257,5	257,5	460	16 x 23	24,5	F14	SA 14.6	377	728	400	316	22	183	283
350	16	10725615A	520	290	876	257,5	257,5	470	16 x 28	26,5	F14	SA 14.6	377	728	400	316	22	183	287
400	10	10725620A	565	310	876	289,9	289,9	515	16 x 28	24,5	F14	SA 14.6	377	728	400	316	22	183	301
400	16	10725625A	580	310	876	289,9	289,9	525	16 x 31	28	F14	SA 14.6	377	728	400	316	22	183	307
450	10	10725630A	615	330	1051	324,9	324,9	565	20 x 28	25,5	F14	SA 14.6	377	728	400	316	22	194	451
450	16	10725635A	640	330	1051	324,9	324,9	585	20 x 31	30	F14	SA 14.6	377	728	400	316	22	194	459
500	10	10725640A	670	350	1051	337	337	620	20 x 28	26,5	F14	SA 14.6	377	728	400	316	22	194	475
500	16	10725645A	715	350	1051	337	337	650	20 x 34	31,5	F14	SA 14.6	377	728	400	316	22	194	492
600	10	10725650A	780	390	1206,5	421,5	421,5	725	20 x 31	30	F16	SA 16.2	422	795	500	340	22	235	-
600	16	10725655A	840	390	1206,5	421,5	421,5	770	20 x 37	36	F16	SA 16.2	422	795	500	340	22	235	-

Electric actuator with RPMs other than those mentioned, on request.
For more information on the electric actuator consult the manufacturer's technical documentation.