

FLANGED METAL SEATED GATE VALVE S15

with AUMA electric actuator

DN 40 - 700 PN10/16/25/40

04.501A



Product description

- Flanged metal sealing gate valve 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 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 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:

- 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 to 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 actuator
- 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
- Auma Norm electric actuator multi-turn SA with three-phase AC motors (3PH - 400V - 50Hz - IP68)
- On request possibility of stem and seats in stainless steel AISI 316L, by-pass, actuator Auma Norm single phase, Auma Matic, Aumatic or others



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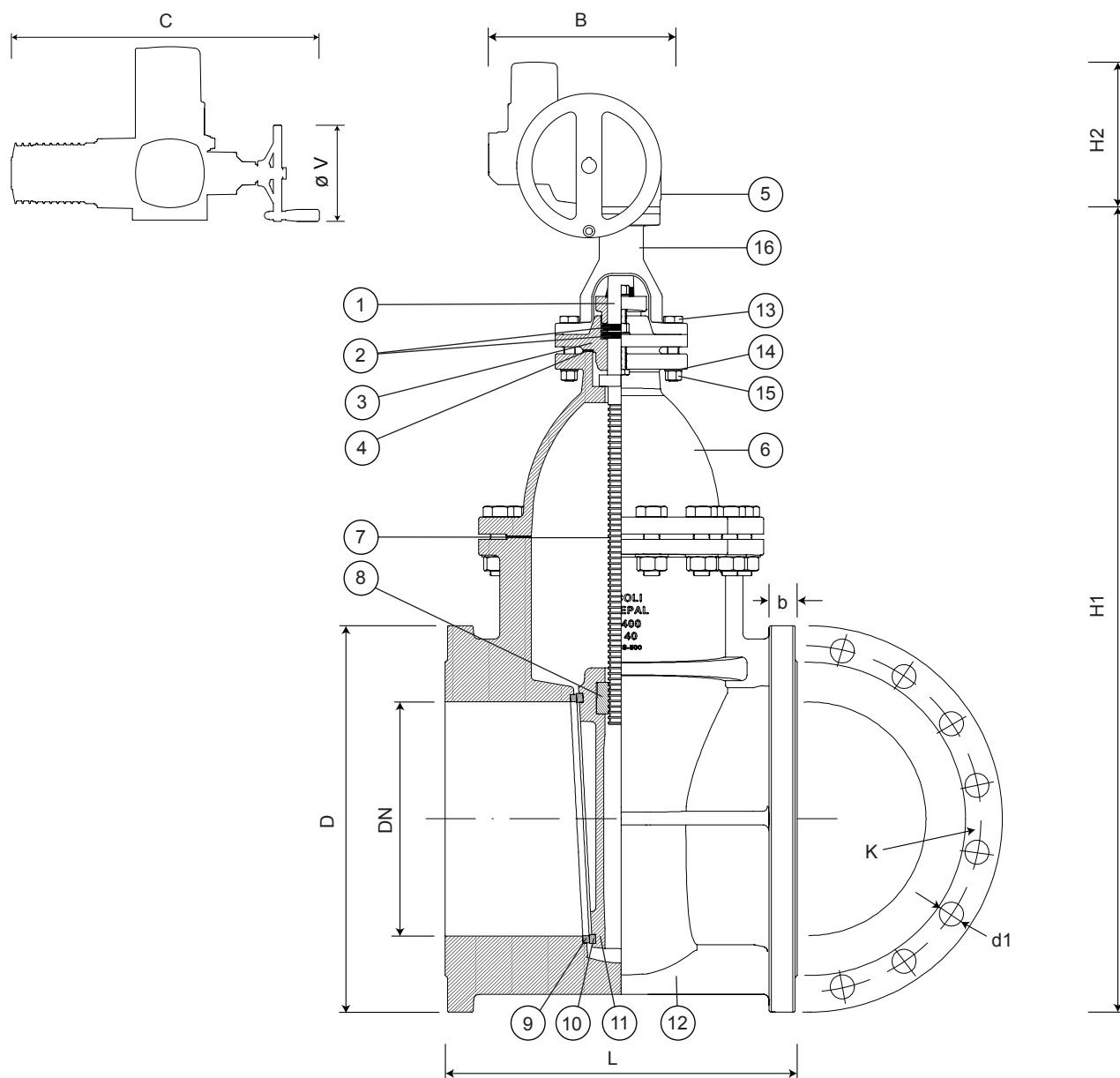
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Component list

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	AUMA electric actuator		
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

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Reference and dimensions

DN	PN	code	D	L	K	n° x d1	b	ISO 5210 flange	AUMA atuator	B	C	ø V	H2	RPM atuador	closed time s.	Kg approx.
			mm	mm	mm	mm	mm			mm	mm	mm	mm			
40	10/16	10720175A	150	240	110	4 x 19	19	F10	SA 07.6	300	514	160	288	45	14	-
40	25	10720200A	150	240	110	4 x 19	19	F10	SA 07.6	300	514	160	288	45	14	-
40	40	10720201A	150	240	110	4 x 19	19	F10	SA 07.6	300	514	160	288	45	14	-
50	10/16	10720176A	165	250	125	4 x 19	19	F10	SA 07.6	300	514	160	288	45	18	-
50	25	10720202A	165	250	125	4 x 19	19	F10	SA 07.6	300	514	160	288	45	18	-
50	40	10720203A	165	250	125	4 x 19	19	F10	SA 07.6	300	514	160	288	45	18	-
60	10/16	10720177A	175	270	135	4 x 19	19	F10	SA 10.2	313	537	200	290	45	18	-
60	25	10720204A	175	270	135	8 x 19	19	F10	SA 10.2	313	537	200	290	45	18	-
60	40	10720205A	175	270	135	8 x 19	19	F10	SA 10.2	313	537	200	290	45	18	-
65	10/16	10720178A	185	270	145	4 x 19	19	F10	SA 10.2	313	537	200	290	45	18	-
65	25	10720206A	185	270	145	8 x 19	19	F10	SA 10.2	313	537	200	290	45	18	-
65	40	10720207A	185	270	145	8 x 19	19	F10	SA 10.2	313	537	200	290	45	18	-
80	10/16	10720179A	200	280	160	8 x 19	19	F10	SA 10.2	313	537	200	290	45	22	-
80	25	10720208A	200	280	160	8 x 19	19	F10	SA 10.2	313	537	200	290	45	22	-
80	40	10720209A	200	280	160	8 x 19	19	F10	SA 10.2	313	537	200	290	45	22	-
100	10/16	10720180A	220	300	180	8 x 19	19	F10	SA 10.2	313	537	200	290	45	27	-
100	25	10720210A	235	300	190	8 x 23	19	F10	SA 10.2	313	537	200	290	45	27	-
100	40	10720211A	235	300	190	8 x 23	19	F10	SA 10.2	313	537	200	290	45	27	-
125	10/16	10720181A	250	325	210	8 x 19	19	F10	SA 10.2	313	537	200	290	45	34	-
125	25	10720212A	270	325	220	8 x 28	19	F10	SA 10.2	313	537	200	290	45	34	-
125	40	10720213A	270	325	220	8 x 28	23.5	F10	SA 10.2	313	537	200	290	45	34	-
150	10/16	10720182A	285	350	240	8 x 23	19	F14	SA 14.2	377	725	315	316	22	82	-
150	25	10720214A	300	350	250	8 x 28	20	F14	SA 14.2	377	725	315	316	22	82	-
150	40	10720215A	300	350	250	8 x 28	26	F14	SA 14.2	377	725	315	316	22	82	-
200	10	10720318A	340	400	295	8 x 23	20	F14	SA 14.2	377	725	315	316	22	93	-
200	16	10720198A	340	400	295	12 x 23	20	F14	SA 14.2	377	725	315	316	22	93	-
200	25	10720218A	360	400	310	12 x 28	22	F14	SA 14.2	377	725	315	316	22	93	-
200	40	10720284A	375	400	320	12 x 31	30	F14	SA 14.2	377	725	315	316	22	93	-
250	10	10720320A	400	450	350	12 x 23	22	F14	SA 14.2	377	725	315	316	22	115	-
250	16	10720199A	400	450	355	12 x 28	22	F14	SA 14.2	377	725	315	316	22	115	-
250	25	10720220A	425	450	370	12 x 31	24.5	F14	SA 14.2	377	725	315	316	22	115	-
250	40	10720285A	450	450	385	12 x 34	34	F14	SA 14.2	377	725	315	316	22	115	-
300	10	10720183A	455	500	400	12 x 23	24.5	F14	SA 14.2	377	725	315	316	22	137	-
300	16	10720186A	455	500	410	12 x 28	24.5	F14	SA 14.2	377	725	315	316	22	137	-
300	25	10720222A	485	500	430	16 x 31	27.5	F14	SA 14.2	377	725	315	316	22	137	-
300	40	10720286A	515	500	450	16 x 34	39.5	F14	SA 14.2	377	725	315	316	22	137	-
350	10	10720196A	505	550	460	16 x 23	24.5	F14	SA 14.6	377	728	400	316	22	137	-
350	16	10720187A	520	550	470	16 x 28	26.5	F14	SA 14.6	377	728	400	316	22	137	-
350	25	10720224A	555	550	490	16 x 34	30	F14	SA 14.6	377	728	400	316	22	137	-
350	40	10720302A	580	550	510	16 x 37	44	F14	SA 14.6	377	728	400	316	22	137	-
400	10	10720326A	565	600	515	16 x 28	24.5	F14	SA 14.6	377	728	400	316	22	137	-
400	16	10720188A	580	600	525	16 x 31	28	F14	SA 14.6	377	728	400	316	22	137	-
400	25	10720226A	620	600	550	16 x 37	32	F14	SA 14.6	377	728	400	316	22	137	-
400	40	10720304A	660	600	585	16 x 41	48	F14	SA 14.6	377	728	400	316	22	137	-
450	10	10720328A	615	650	565	20 x 28	25.5	F14	SA 14.6	377	728	400	316	22	156	-
450	16	10720189A	640	650	585	20 x 31	30	F14	SA 14.6	377	728	400	316	22	156	-
450	25	10720228A	670	650	600	20 x 37	34.5	F14	SA 14.6	377	728	400	316	22	156	-
450	40	10720306A	685	650	610	20 x 41	49	F14	SA 14.6	377	728	400	316	22	156	-

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			mm	mm	mm	mm	mm			mm	mm	mm	mm			
500	10	10720333A	670	700	620	20 x 28	26.5	F14	SA 14.6	377	728	400	316	22	137	-
500	16	10720335A	715	700	650	20 x 34	31.5	F14	SA 14.6	377	728	400	316	22	137	-
500	25	10720230A	730	700	660	20 x 37	36.5	F14	SA 14.6	377	728	400	316	22	137	-
500	40	10720308A	755	700	670	20 x 44	52	F14	SA 14.6	377	728	400	316	22	137	-
600	10	10720337A	780	800	725	20 x 31	30	F16	SA 16.2	377	728	400	316	22	164	-
600	16	10720191A	840	800	770	20 x 37	36	F16	SA 16.2	377	728	400	316	22	164	-
600	25	10720232A	845	800	770	20 x 41	42	F16	SA 16.2	377	728	400	316	22	164	-
600	40	10720310A	890	800	795	20 x 50	58	F16	SA 16.2	377	728	400	316	22	164	-
700	10	10720339A	895	900	840	24 x 31	32.5	F16	SA 16.2	422	795	500	340	22	213	-
700	16	10720192A	910	900	840	24 x 37	39.5	F16	SA 16.2	422	795	500	340	22	213	-
700	25	10720234A	960	900	875	24 x 44	46.5	F16	SA 16.2	422	795	500	340	22	213	-



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