

FLANGED SOFT SEALING GATE VALVE ISO TOP FLANGE S15 3000

prepared for electric actuator
DN 40 - 300 PN25

01.204



Product description

- Flanged soft sealing gate valve with ISO top flange prepared for electrical actuator series 3000, 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 PN25
- Face-to-face according to EN 558 series 15
- ISO top flange according to ISO 5210

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). Operation torque test

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
- Full bore
- Low operating torque
- The valves from DN 250 to DN 300 are equipped with an axial bearing 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
- 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
- ISO top flange according ISO 5210 for electric actuator or manual gearbox assembling
- Accessories: electric actuator and bevel gearbox
- On request possibility of stem in stainless steel AISI 316L, NBR sealings and wedge nut in different brass alloys.



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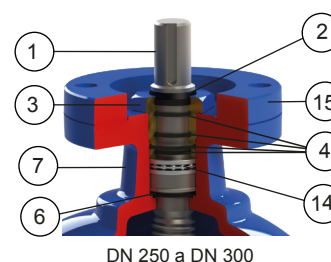
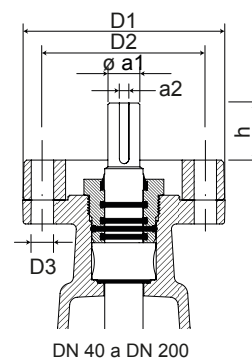
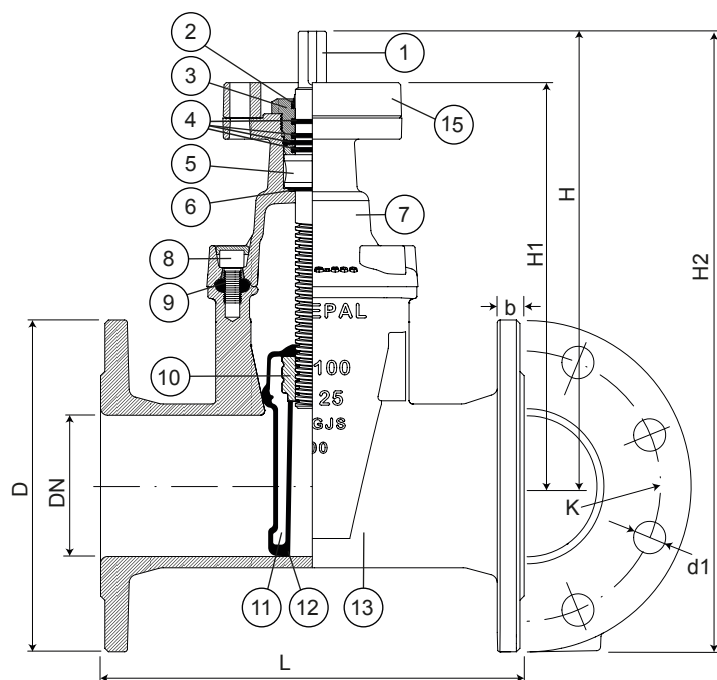
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Component list

pos	components	material	standard
1	Stem	Stainless steel AISI 420	EN 10088-1
2	Clearing joint	Elastomer	-
3	Gland	Brass DZR CW602N	EN 12164
4	O-rings	Elastomer EPDM	EN 681-1
5	Stem washer	Brass DZR CW602N	EN 12164
6	O-ring	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

Reference and dimensions

DN	PN	code	D	L	H	H1	H2	K	n° x d1	b	ISO 5210	D1	D2	n° x D3	ø a1	a2	h	turns to open	Kg approx.
mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	flange	mm	mm	mm	mm	mm	mm		
40	25	10731010	150	240	207	177	282	110	4 x 19	19	F10	125	102	4 x 12	20	6	30	10	11
50	25	10731020	165	250	238	208	321	125	4 x 19	19	F10	125	102	4 x 12	20	6	30	13	13
60	25	10731030	175	270	250	217	338	135	8 x 19	19	F10	125	102	4 x 12	20	6	33	13	18
65	25	10731040	185	270	250	217	343	145	8 x 19	19	F10	125	102	4 x 12	20	6	33	13	18
80	25	10731050	200	280	286	253	386	160	8 x 19	19	F10	125	102	4 x 12	20	6	33	16	22
100	25	10731060	235	300	325	286	443	190	8 x 23	19	F10	125	102	4 x 12	20	6	39	20	27
125	25	10731070	270	325	362	323	497	220	8 x 28	19	F10	125	102	4 x 12	20	6	39	25	35
150	25	10731080	300	350	425	384	575	250	8 x 28	20	F14	175	140	4 x 18	30	8	41	30	48
200	25	10731090	360	400	505	459	683	310	12 x 28	22	F14	175	140	4 x 18	30	8	46	34	69
250	25	10731100	425	450	595	545	805	370	12 x 31	24.5	F14	175	140	4 x 18	30	8	50	42	99
300	25	10731110	485	500	665	615	908	430	16 x 31	27.5	F14	175	140	4 x 18	30	8	50	50	169