

FLANGED SOFT SEALING GATE VALVE S15 3000

DN 40 - 300 PN25

01.202



Product description

- Flanged soft sealing gate valve 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

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). 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 to DIN 3476-1, EN 14901-1 and GSK approved

Approvals

- Certified according to EN 1074-1/2: AENOR Certificate B18/000002
- ACS Potability Certificate 21 ACC NY 005
- 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
- Accessories: handwheel [ref.05.100], stem cap [ref. 05.200], extension spindle [ref. 05.300] and surface box [ref. 05.500]
- On request possibility of stem in stainless steel AISI 316L, NBR sealings and wedge nut in different brass alloys.



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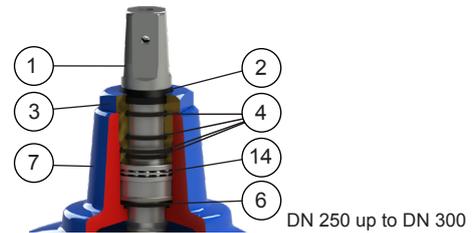
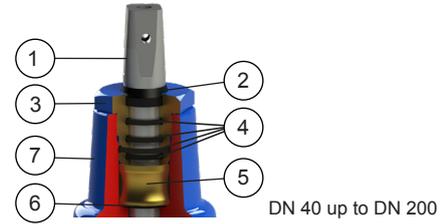
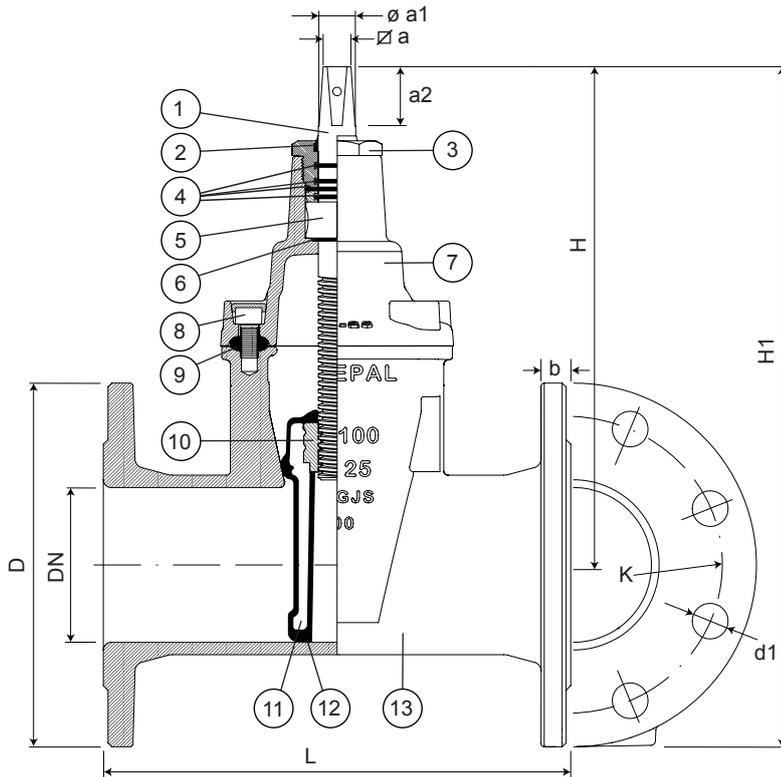
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Component list

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

pos	components	material	standard
8	Bolts	Stainless steel A2	EN 10088-1
9	Bonnet gasket	Elastomer EPDM	EN 681-1
10	Wedge nut	Brass DZR CW602N	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

Reference and dimensions

DN	PN	code	D	L	H	H1	K	n° x d1	b	Ø a	Ø a1	a2	turns to open	Kg approx.
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
40	25	10726014	150	240	203	278	110	4 x 19	19	14.1	20	29	10	9
50	25	10726024	165	250	235	318	125	4 x 19	19	14.1	20	29	13	11
60	25	10726034	175	270	250	338	135	8 x 19	19	17.1	22	34	13	13
65	25	10726044	185	270	250	343	145	8 x 19	19	17.1	22	34	13	14
80	25	10726054	200	280	290	390	160	8 x 19	19	17.1	22	34	16	19
100	25	10726064	235	300	325	443	190	8 x 23	19	19.1	24	38	20	25
125	25	10726074	270	325	362	497	220	8 x 28	19	19.1	26	38	25	31
150	25	10726084	300	350	425	575	250	8 x 28	20	19.1	28	38	30	45
200	25	10726094	360	400	505	685	310	12 x 28	22	24.1	32	42	34	65
250	25	10726104	425	450	595	808	370	12 x 31	24.5	27.1	36	47	42	97
300	25	10726114	485	500	670	913	430	16 x 31	27.5	27.1	36	47	50	136



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