

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 DIN 3476-1, EN 14901-1 and GSK approved

Approvals

- Certified according to EN 1074-1/2: AENOR Certificate B18/000002
- ACS Potability Certificate 15 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 grades.



Fucoli-Somepal
FUNDIÇÃO DE FERRO, S. A.

Visit our website at www.fucoli-somepal.pt

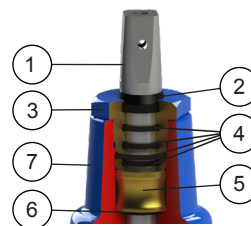
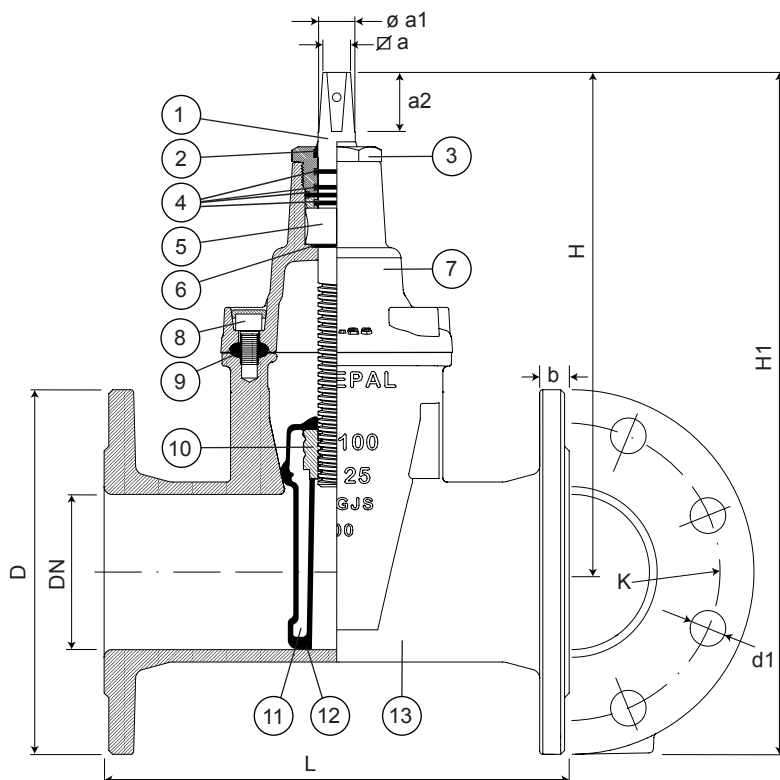
Head office: Estrada de Coselhas, 3000-125 Coimbra – Portugal | Tel.: (+351) 239 490100 | Fax: (+351) 239 490198

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

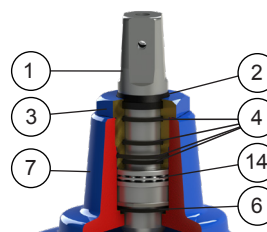
FLANGED SOFT SEALING GATE VALVE S15 3000

DN 40 - 300 PN25

01.202



DN 40 up to DN 200



DN 250 up to DN 300

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

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	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



Fucoli-Somepal
FUNDIÇÃO DE FERRO, S.R.L.

Visit our website at www.fucoli-somepal.pt

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



100% MADE IN EUROPE

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

Ed.8 Rev. 6