

FLANGED SOFT SEALING GATE VALVE S14 NEXUS

DN 50 - 300 PN10/16

01.110



Product description

- Flanged soft sealing gate valve S14 series NEXUS 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
- Face-to-face according to EN 558 series 14

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, EN 14901-1 and GSK approved

Approvals

- Certified according to EN 1074-1/2: AENOR Certificate B18/000009
- ACS Potability Certificate 23 ACC NY 441
- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Isolation valve approved for drinking water
- Full bore
- Brass stem washer provides stress fixation and low operating torque
- Stainless steel stem with rolled threads produced by cold rolling process, which keeps the steel structure and increase its mechanical resistance
- Stem with stainless steel wedge stop to serve as backstop when the valve is fully open
- Stem sealing with POM bearing with 4 O-rings and a bottom joint in EPDM
- Wedge fully vulcanized with drinking water approved EPDM
- Wedge of polyamide coated guide rails avoiding friction and corrosion
- Wedge with brass nut fixed in the wedge core preventing vibration and ensure a long life span
- 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 and NBR sealings.



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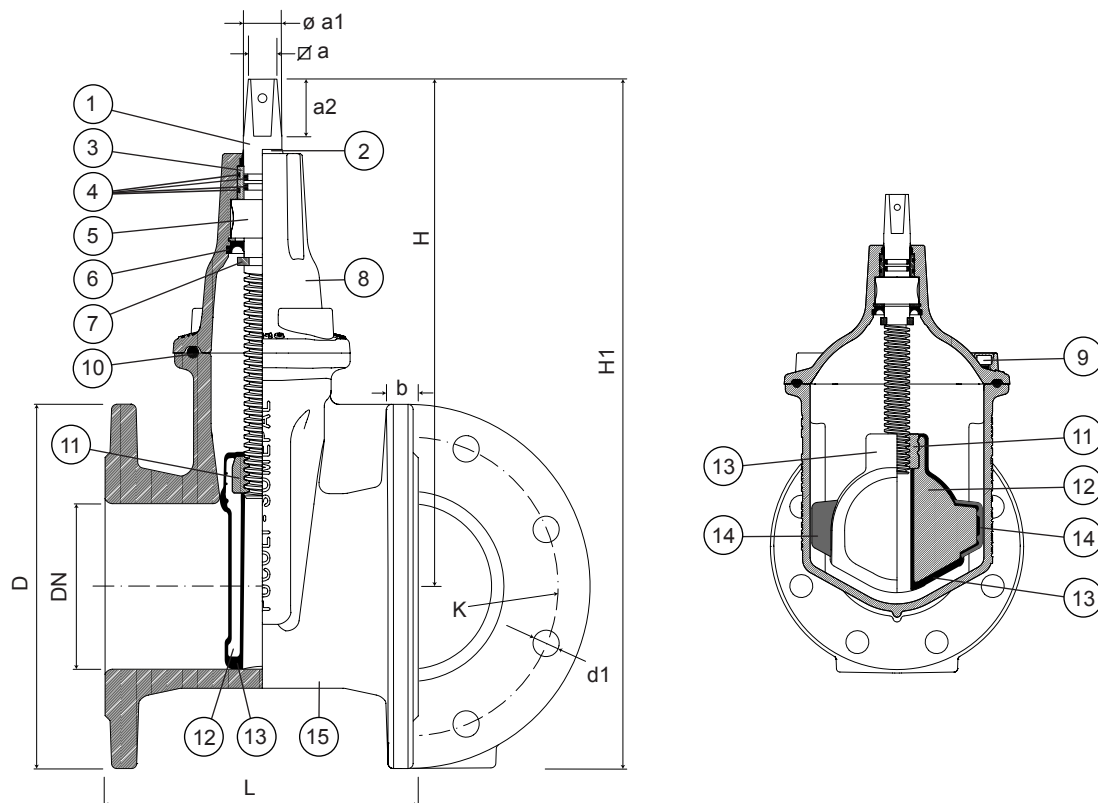
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Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

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Component list

pos.	components	material	standard
1	Stem	Stainless steel AISI 420	EN 10088 - 1
2	Clearing joint	Elastomer	
3	Bearing	POM	
4	O-rings	Elastomer EPDM	EN 681 - 1
5	Stem washer	Brass DZR CW602N	EN 12164
6	Joint	Elastomer EPDM	EN 681 - 1
7	Wedge stop	Stainless steel AISI 420	EN 10088 - 1
8	Bonnet	Ductile iron EN-GJS-500-7	EN 1563

pos.	components	material	standard
9	Bolts	Stainless steel A2	EN 10088 - 1
10	Bonnet gasket	Elastomer EPDM	EN 681 - 1
11	Wedge nut	Brass DZR CW626N	EN 12164
12	Wedge	Ductile iron EN-GJS-500-7	EN 1563
13	Wedge covering	Elastomer EPDM	EN 681 - 1
14	Wedge guide	Polyamide	
15	Body	Ductile iron EN-GJS-500-7	EN 1563

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	min	mm	mm	mm	mm	mm	mm	mm	mm		
50	10/16	10729010	165	150	214	297	125	4 x 19	19	14.1	18	29	13	10
60*	10/16	10729015FL	185	170	252	345	135	4 x 19	19	17.1	22	34	14	12
65	10/16	10729015	185	170	252	345	145	4 x 19	19	17.1	22	34	14	12
80	10/16	10729020	200	180	277	377	160	8 x 19	19	17.1	22	34	16	14
100	10/16	10729025	220	190	306	416	180	8 x 19	19	19.1	23	38	20	17
125	10/16	10729030	250	200	342	467	210	8 x 19	19	19.1	23	38	25	22
150	10/16	10729035	285	210	400	542	240	8 x 23	19	19.1	26	38	30	31
200	10	10729040	340	230	471	641	295	8 x 23	20	24.1	28	38	40	47
200	16	10729045	340	230	471	641	295	12 x 23	20	24.1	28	38	40	47
250	10	10729050	400	250	601	801	350	12 x 23	22	27.1	32	47	42	72
250	16	10729055	400	250	601	801	355	12 x 28	22	27.1	32	47	42	72
300	10	10729060	455	270	682	910	400	12 x 23	24.5	27.1	32	47	50	98
300	16	10729065	455	270	682	910	410	12 x 28	24.5	27.1	32	47	50	98

* DN65 valve with DN60 flange drilling



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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.

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