FLANGED SOFT SEALING GATE VALVE S14 NEXUS AS2129 SI61 DN 50 - 200 PN10/16

01.110 AS2129 SI61

Product description

- Flanged soft sealing gate valve series NEXUS according Israel Standard SI61 and AS2129 drilling for drinking water and neutral liquids
- Service temperature from 0ºC (excluding frost) to 70ºC

Standards

- Designed according to EN 1074 part 1 & 2 and EN 1171
- Flange drilling to AS2129
- Face-to-face according to EN 558 series 14 and SI61 short dimension 2
- According to Israel Standard SI61

Tests

All valves are individually hydrostatically tested according to SI61:

- Seal PN (in bar); Body: 1.5 x PN (in bar). Maximum operating torque according to SI61

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, SI61 and GSK approved

Approvals

- Standards Institution of Israel Certificate 84736
- ACS Potability Certificate 18 ACC NY 517
- 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 stailness steel AISI 316L and NBR gate covering.



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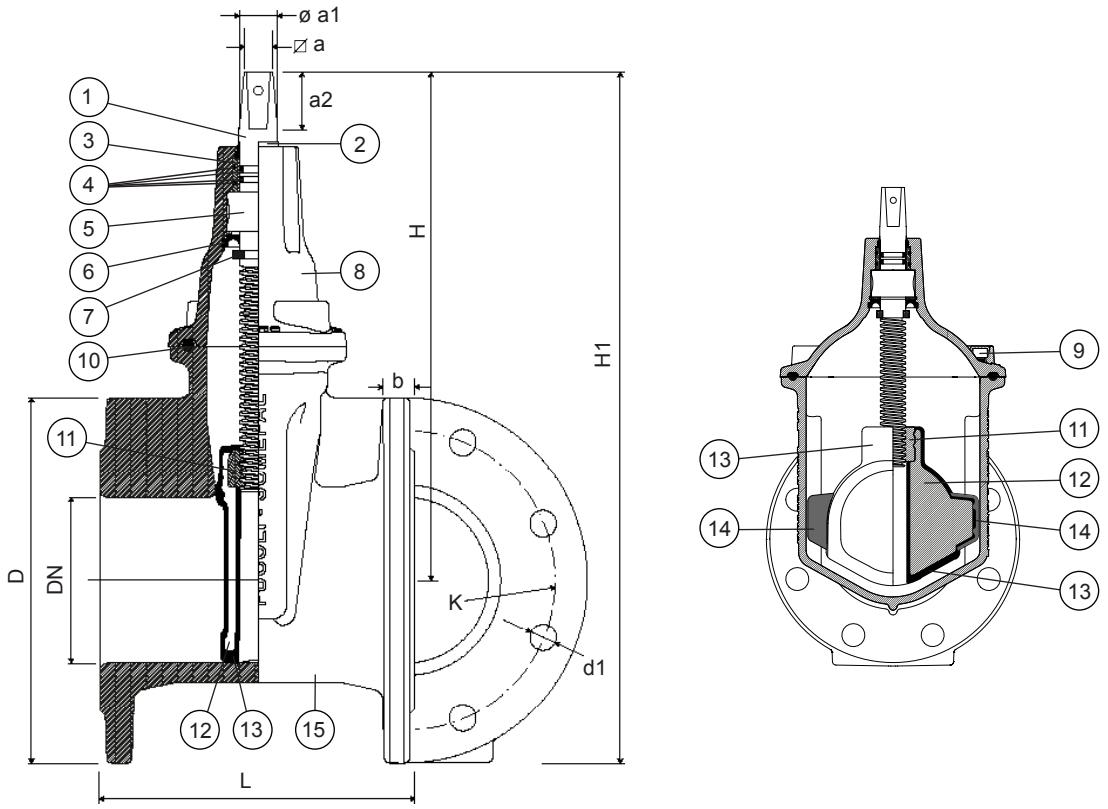
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Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

FLANGED SOFT SEALING GATE VALVE S14 NEXUS AS2129 SI61 DN 50 - 200 PN10/16

01.110 AS2129 SI61



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	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	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	nº x d1	b	⍁ a	ø a1	a2	turns	Kg
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	to open	approx.
50	10/16	10729310	165	150	214	297	114	4 x 18	19	13.3	18	29	13	10
80	10/16	10729320	200	180	277	377	146	4 x 18	19	16.3	22	34	16	14
100	10/16	10729325	220	190	306	416	178	4 x 18	19	16.3	23	38	20	17
150	10/16	10729335	285	210	400	542	235	8 x 18	19	19.3	26	38	30	31
200	10	10729340	340	230	471	641	292	8 x 18	20	19.3	28	38	40	47
200	16	10729345	340	230	471	641	292	8 x 18	20	19.3	28	38	40	47

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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.