FLANGED SOFT SEALING GATE VALVE S14 NEXUS
DN 50 - 300 PN10/16

11.110

Product description
- Flanged soft sealing gate valve S14 series NEXUS for waste water
- Service temperature from 0ºC (excluding frost) to 70ºC

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 3011
- Applied internal and external with a minimum coating thickness of 250 µm
- Fusion bonded epoxy coating according DIN 3476-1, EN 14901 and GSK (RAL-GZ662) guidelines

Features
- Isolation valve approved for waste 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 NBR
- Wedge fully vulcanized with NBR
- 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 NBR 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].



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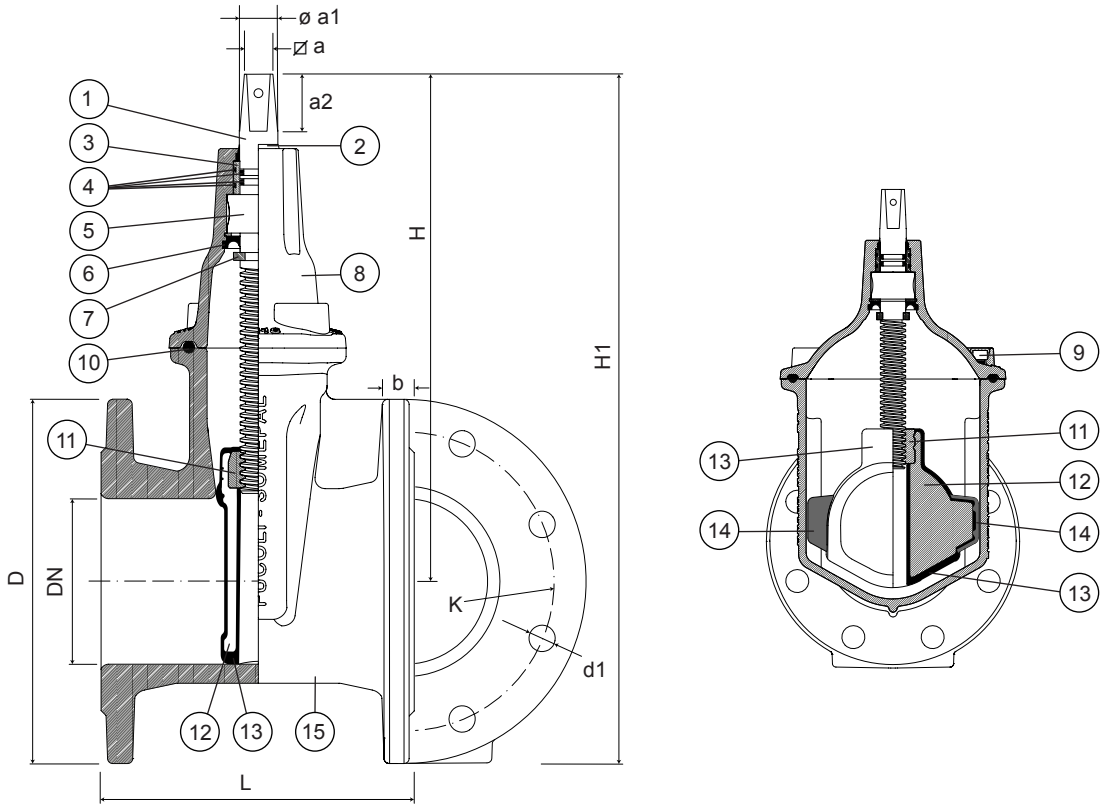
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Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

FLANGED SOFT SEALING GATE VALVE S14 3000
DN 50 - 300 PN10/16

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Component list

pos.	components	material	standard
1	Stem	Stainless steel AISI 316L	EN 10088 - 1
2	Clearing joint	Elastomer	-
3	Bearing	POM	-
4	O-rings	Elastomer NBR	EN 681 - 1
5	Stem washer	Brass	EN 12164
6	Joint	Elastomer NBR	EN 681 - 1
7	Wedge stop	Stainless steel AISI 316L	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 NBR	EN 681 - 1
11	Wedge nut	Brass	EN 12164
12	Wedge	Ductile iron EN-GJS-500-7	EN 1563
13	Wedge covering	Elastomer NBR	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	min	mm	mm	mm	mm	mm	mm	mm	mm	to open	approx.
50	10/16	10739010	165	150	214	297	125	4 x 19	19	14.1	18	29	13	10
65	10/16	10739015	185	170	252	345	145	4 x 19	19	17.1	22	34	14	12
80	10/16	10739020	200	180	277	377	160	8 x 19	19	17.1	22	34	16	14
100	10/16	10739025	220	190	306	416	180	8 x 19	19	19.1	23	38	20	17
125	10/16	10739030	250	200	342	467	210	8 x 19	19	19.1	23	38	25	22
150	10/16	10739035	285	210	400	542	240	8 x 23	19	19.1	26	38	30	31
200	10	10739040	340	230	471	641	295	8 x 23	20	24.1	28	38	40	47
200	16	10739045	340	230	471	641	295	12 x 23	20	24.1	28	38	40	47
250	10	10739050	400	250	601	801	350	12 x 23	22	27.1	32	47	42	72
250	16	10739055	400	250	601	801	355	12 x 28	22	27.1	32	47	42	72
300	10	10739060	455	270	682	910	400	12 x 23	24.5	27.1	32	47	50	98
300	16	10739065	455	270	682	910	410	12 x 28	24.5	27.1	32	47	50	98

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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.