

FLANGED SOFT SEALING GATE VALVE ISO TOP FLANGE S14 3000

prepared for electric actuator
DN 40 - 600 PN10/16

11.102



Product description

- Flanged soft sealing gate valve with ISO top flange prepared for electrical actuator series 3000 for waste water
- Service temperature from 0°C (excluding frost) to 70°C

Standards

- Designed according to EN 1074 parte 1 & 2 and EN 1171
- Flange drilling to EN 1092-2 PN10/16
- Face-to-face according to EN 558 serie 14
- ISO top flange according to ISO 5210

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 14901-1 and GSK (RAL-GZ662) guidelines

Features

- Isolation valve for waste water
- Full bore
- Low operating torque
- The valves from DN 250 to DN 300 are equipped with an axial bearing, from DN 350 to DN 600 are equipped with two thrust bearings 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 NBR
- O-ring stem sealing exchangeable under pressure
- Wedge fully vulcanized with NBR
- 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 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
- ISO top flange according ISO 5210 for electric actuator or manual gearbox assembling
- Accessories: electric actuator or bevel gearbox.



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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.

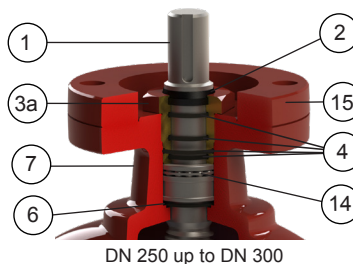
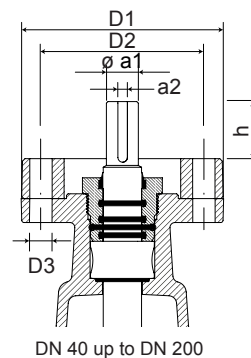
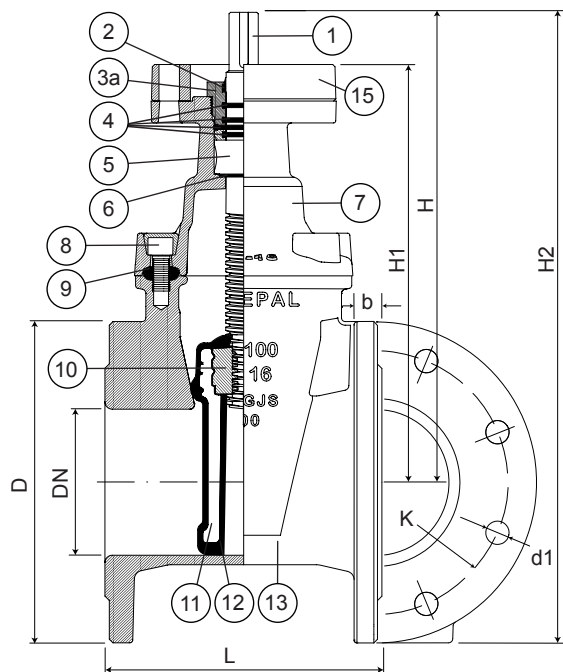


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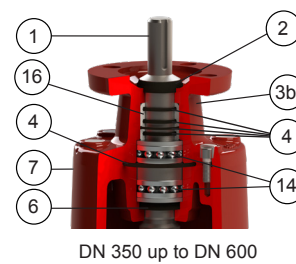
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DN 250 up to DN 300



DN 350 up to DN 600

Component list

pos.	components	material	standard
1	Stem	Stainless steel AISI 316L	EN 10088 - 1
2	Clearing joint	Elastomer	
3a	Gland	Brass DZR CW602N	EN 12164
3b	Gland	Ductile iron EN-GJS-500-7	EN 1563
4	O-rings	Elastomer NBR	EN 681 - 1
5	Stem washer	Brass DZR CW602N	EN 12164
6	O-ring	Elastomer NBR	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 NBR	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 NBR	EN 681 - 1
13	Body	Ductile iron EN-GJS-500-7	EN 1563
14	Bearing	Steel	ISO 20516
15	Gland bush	POM	

Reference and dimensions

DN	PN	code	D	L	H	H1	H2	K	n° x d1	b	ISO 5210 flange	D1	D2	n° x D3	ø a1	a2	h	turns to open	Kg approx.
			mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm		
40	10/16	10738000	150	140	207	177	282	110	4 x 19	19	F10	125	102	4 x 12	20	6	30	10	10
50	10/16	10738010	165	150	238	208	321	125	4 x 19	19	F10	125	102	4 x 12	20	6	30	13	12
60	10/16	10738020	175	170	250	217	338	135	4 x 19	19	F10	125	102	4 x 12	20	6	33	13	14
65	10/16	10738030	185	170	250	217	343	145	4 x 19	19	F10	125	102	4 x 12	20	6	33	13	18
80	10/16	10738040	200	180	286	253	386	160	8 x 19	19	F10	125	102	4 x 12	20	6	33	16	19
100	10/16	10738050	220	190	325	286	435	180	8 x 19	19	F10	125	102	4 x 12	20	6	39	20	23
125	10/16	10738060	250	200	362	323	487	210	8 x 19	19	F10	125	102	4 x 12	20	6	39	25	28
150	10/16	10738070	285	210	425	384	568	240	8 x 23	19	F10	125	102	4 x 12	20	6	41	30	36
200	10	10738080	340	230	505	459	683	295	8 x 23	20	F10	125	102	4 x 12	20	6	46	34	53
200	16	10738085	340	230	505	459	683	295	12 x 23	20	F10	125	102	4 x 12	20	6	46	34	53
250	10	10738090	400	250	595	545	805	350	12 x 23	22	F14	175	140	4 x 18	30	8	50	42	77
250	16	10738095	400	250	595	545	805	355	12 x 28	22	F14	175	140	4 x 18	30	8	50	42	77
300	10	10738100	455	270	670	620	898	400	12 x 23	24.5	F14	175	140	4 x 18	30	8	50	50	107
300	16	10738105	455	270	670	620	898	410	12 x 28	24.5	F14	175	140	4 x 18	30	8	50	50	110
350	10	10738110	505	290	940	875	1193	460	16 x 23	24.5	F14	175	140	4 x 18	30	8	65	67	220
350	16	10738115	520	290	940	875	1200	470	16 x 28	26.5	F14	175	140	4 x 18	30	8	65	67	224
400	10	10738120	565	310	940	875	1223	515	16 x 28	24.5	F14	175	140	4 x 18	30	8	65	67	238
400	16	10738125	580	310	940	875	1230	525	16 x 31	28	F14	175	140	4 x 18	30	8	65	67	244
450	10	10738130	615	330	1120	1055	1428	565	20 x 28	25.5	F14	175	140	4 x 18	30	8	65	71	388
450	16	10738135	640	330	1120	1055	1440	585	20 x 31	30	F14	175	140	4 x 18	30	8	65	71	396

Electric actuator with RPMs other than those mentioned, on request. For more information on the electric actuator consult the manufacturer's technical documentation.

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DN	PN	code	D mm	L mm	H mm	H1 mm	H2 mm	K mm	n° x d1 mm	b mm	ISO 5210 flange	D1 mm	D2 mm	n° x D3 mm	Ø a1 mm	a2 mm	h mm	turns to open	Kg approx.
500	10	10738140	670	350	1120	1055	1455	620	20 x 28	26.5	F14	175	140	4 x 18	30	8	65	71	412
500	16	10738145	715	350	1120	1055	1478	650	20 x 34	31.5	F14	175	140	4 x 18	30	8	65	71	429
600	10	10738150	780	390	1370	1290	1680	725	20 x 31	30	F16	210	165	4 x 22	40	12	80	86	-
600	16	10738155	840	390	1370	1290	1710	770	20 x 37	36	F16	210	165	4 x 22	40	12	80	86	-



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