

FLANGED SOFT SEALING GATE VALVE S15 3000

with AUMA electric actuator

DN 40 - 300 PN25

01.204A



Product description

- Flanged soft sealing gate valve series 3000 with AUMA electric actuator for drinking water and neutral liquids
- 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 PN25
- Face-to-face according to EN 558 serie 15
- ISO top flange according to ISO 5210
- Auma Norm multi-turn electric actuators with enclosure IP68 according to EN 60529

Tests

All valves are individually hydrostatically tested according to EN 1074-1/2 and EN 12266-1:

- Seal 1.1 x PN (in bar); Body: 1.5 x PN (in bar)

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

- ACS Potability Certificate 26 ACC NY 096
- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Isolation valve approved for drinking water
- Full bore
- 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
- 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
- Auma Norm electric actuator multi-turn SA with three-phase AC motors (3PH - 400V - 50Hz - IP68)
- On request possibility of stem in stainless steel AISI 316L, NBR sealings, wedge nut in different brass alloys, actuator Auma Norm single phase, Auma Matic, Aumatic or others.



Fucoli-Somepal
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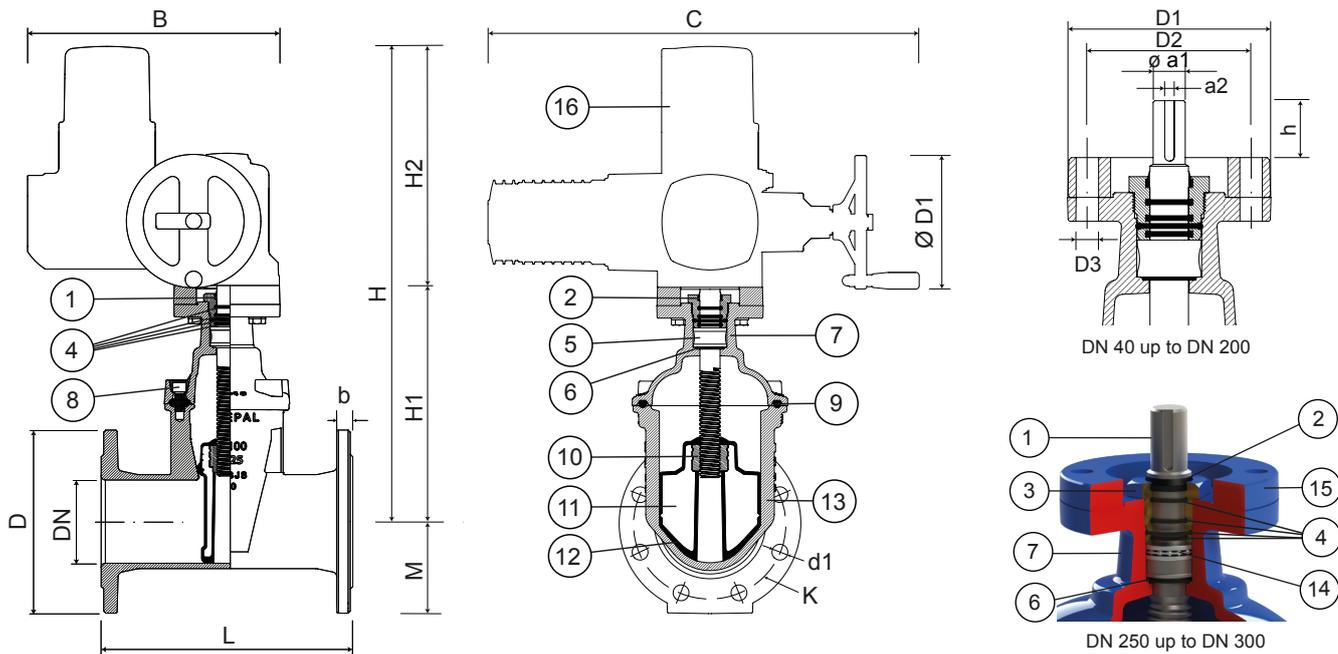
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Component list

| pos | components | material | standard |
|-----|----------------|---------------------------|------------|
| 1 | Stem | Stainless steel AISI 420 | EN 10088-1 |
| 2 | Clearing joint | Elastomer | - |
| 3a | Gland | Brass DZR CW626N | EN 12164 |
| 3b | Gland | Ductile iron EN-GJS-500-7 | EN 1563 |
| 4 | O-rings | Elastomer EPDM | EN 681-1 |
| 5 | Stem washer | Brass DZR CW602N | EN 12164 |
| 6 | O-rings | 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 |
| 15 | Mounting flange | Ductile iron EN-GJS-500-7 | EN 1563 |
| 16 | AUMA electric actuator | - | - |

Reference and dimensions

| DN | PN | code | D mm | L mm | H mm | H1 mm | M mm | K mm | n° x d1 mm | b mm | ISO 5210 flange | AUMA actuator | B mm | C mm | Ø D1 mm | H2 mm | RPM actuator | closed time s. | Kg aprox. |
|-----|----|-----------|---------|---------|---------|----------|---------|---------|---------------|---------|--------------------|------------------|---------|---------|------------|----------|-----------------|-------------------|--------------|
| 40 | 25 | 10726700A | 150 | 240 | 496 | 208 | 75 | 110 | 4 x 19 | 19 | F10 | SA 07.6 | 300 | 514 | 160 | 288 | 45 | 17 | 65 |
| 50 | 25 | 10726710A | 165 | 250 | 496 | 208 | 83 | 125 | 4 x 19 | 19 | F10 | SA 07.6 | 300 | 514 | 160 | 288 | 45 | 17 | 75 |
| 60 | 25 | 10726720A | 175 | 270 | 505 | 217 | 88 | 135 | 4 x 19 | 19 | F10 | SA 07.6 | 300 | 514 | 160 | 288 | 45 | 18 | 85 |
| 65 | 25 | 10726730A | 185 | 270 | 505 | 217 | 93 | 145 | 4 x 19 | 19 | F10 | SA 07.6 | 300 | 514 | 160 | 288 | 45 | 18 | 90 |
| 80 | 25 | 10726740A | 200 | 280 | 545 | 257 | 100 | 160 | 8 x 19 | 19 | F10 | SA 07.6 | 300 | 514 | 160 | 288 | 45 | 22 | 105 |
| 100 | 25 | 10726750A | 235 | 300 | 576 | 286 | 118 | 180 | 8 x 19 | 19 | F10 | SA 10.2 | 313 | 537 | 200 | 290 | 45 | 27 | 128 |
| 125 | 25 | 10726760A | 270 | 325 | 613 | 323 | 135 | 210 | 8 x 19 | 19 | F10 | SA 10.2 | 313 | 537 | 200 | 290 | 45 | 34 | 153 |
| 150 | 25 | 10726770A | 300 | 350 | 700 | 384 | 150 | 240 | 8 x 23 | 20 | F14 | SA 14.2 | 377 | 725 | 315 | 316 | 45 | 40 | 209 |
| 200 | 25 | 10726780A | 360 | 400 | 775 | 459 | 180 | 295 | 8 x 23 | 22 | F14 | SA 14.2 | 377 | 725 | 315 | 316 | 45 | 45 | 259 |
| 250 | 25 | 10726790A | 425 | 500 | 931 | 615 | 213 | 350 | 12 x 23 | 24.5 | F14 | SA 14.2 | 377 | 725 | 315 | 316 | 22 | 114 | 309 |
| 300 | 25 | 10726800A | 485 | 500 | 936 | 620 | 243 | 400 | 12 x 23 | 27.5 | F14 | SA 14.6 | 377 | 728 | 400 | 316 | 22 | 137 | 363 |

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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