



## ASCO Solenoid valve 2/2 Type: 32300 series 210 brass internal thread

### Characteristics

**Series:** 210

**Type:** 32300

**Process connection:** Internal thread (BSPP)

**Function:** Normally closed (NC)

**Actuation:** Pilot operated hung diaphragm

**Minimum pressure difference:** 0 bar

**Electrical connection:** Plug EN 175301-803 type A

**Max. viscosity:** 65 mm<sup>2</sup>/s

**Housing material:** Brass

**Material coil housing:** Epoxy

**Material shorting ring:** Copper

**Working time:** 100 %

**Level of protection (IP value):** IP65

**Emergency manual operation:** None

**Explosion-proof:** No

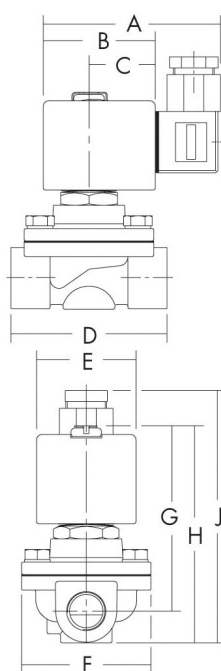
**SIL certified:** No

### Application

- In systems with a small differential pressure or as a drain from a pressureless tank. Neutral gases.
- Neutral liquids.
- Hydraulic oils.
- With FKM/FPM seals suitable for biofuels

### Technical Information

- Robust construction.



Size table:

| Type       | Size   | A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>mm | F<br>mm | H<br>mm | Weight<br>kg |
|------------|--------|---------|---------|---------|---------|---------|---------|---------|--------------|
| SCE210B156 | 1.1/2" | 86      | 56      | 33      | 111     | 50      | 99      | 158     | 2.8          |
| SCE210B155 | 1.1/4" | 86      | 56      | 33      | 95      | 50      | 83      | 148     | 2            |
| SCE210C094 | 1/2"   | 80      | 50      | 30      | 70      | 45      | 58      | 109     | 0.8          |
| SCE210B154 | 1"     | 86      | 56      | 33      | 95      | 50      | 83      | 137     | 2            |
| SCE210D095 | 3/4"   | 80      | 50      | 30      | 73      | 45      | 58      | 121     | 1            |

Maximum pressure difference table

| Size | dP <sup>min</sup> | dP <sup>max</sup> Water |       | dP <sup>max</sup> Gas |       | dP <sup>max</sup> Oil |       |
|------|-------------------|-------------------------|-------|-----------------------|-------|-----------------------|-------|
|      |                   | V AC                    | V DC  | V AC                  | V DC  | V AC                  | V DC  |
| 3/8" | 0 bar             | 9 bar                   | 3 bar | 9 bar                 | 3 bar | -                     | -     |
| 1/2" | 0 bar             | 9 bar                   | 3 bar | 9 bar                 | 3 bar | -                     | -     |
| 3/4" | 0 bar             | 9 bar                   | 3 bar | 9 bar                 | 3 bar | -                     | -     |
| 1"   | 0 bar             | 9 bar                   | 6 bar | 9 bar                 | 6 bar | 9 bar                 | 6 bar |

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| Maximum pressure difference table |                   |                         |       |                       |       |                       |       |
|-----------------------------------|-------------------|-------------------------|-------|-----------------------|-------|-----------------------|-------|
| Size                              | dP <sup>min</sup> | dP <sup>max</sup> Water |       | dP <sup>max</sup> Gas |       | dP <sup>max</sup> Oil |       |
|                                   |                   | V AC                    | V DC  | V AC                  | V DC  | V AC                  | V DC  |
| 1.1/4"                            | 0 bar             | 9 bar                   | 6 bar | 9 bar                 | 6 bar | 9 bar                 | 6 bar |
| 1.1/2"                            | 0 bar             | 9 bar                   | 5 bar | 9 bar                 | 5 bar | 9 bar                 | 5 bar |

| Size process connection | Orifice<br>mm | Kvs value<br>m <sup>3</sup> /h | Maximum pressure difference<br>bar | Coil type  | Supply voltage | Power                      | Starting power | Sealing   | Membrane material | Article  |
|-------------------------|---------------|--------------------------------|------------------------------------|------------|----------------|----------------------------|----------------|-----------|-------------------|----------|
| 1.1/2" [40]             | 32            | 19.3                           | 9                                  | 400525-101 | 24V AC         | 15.4 W / 33.6 VA           | 110 VA         | NBR       | NBR               | 11479428 |
| 1.1/2" [40]             | 32            | 19.3                           | 5                                  | 400625-242 | 24V DC         | 16.8 W [hot] - 23 W [cold] |                | NBR       | NBR               | 12159941 |
| 1.1/2" [40]             | 32            | 19.3                           | 9                                  | 400525-117 | 230V AC        | 15.4 W / 33.6 VA           | 110 VA         | NBR       | NBR               | 11454515 |
| 1.1/4" [32]             | 28            | 12.8                           | 9                                  | 400525-101 | 24V AC         | 15.4 W / 33.6 VA           | 110 VA         | NBR       | NBR               | 11423601 |
| 1.1/4" [32]             | 28            | 12.8                           | 6                                  | 400625-242 | 24V DC         | 16.8 W [hot] - 23 W [cold] |                | NBR       | NBR               | 11352944 |
| 1.1/4" [32]             | 28            | 12.8                           | 9                                  | 400525-117 | 230V AC        | 15.4 W / 33.6 VA           | 110 VA         | NBR       | NBR               | 11277282 |
| 1/2" [15]               | 16            | 3.4                            | 9                                  | 400425-101 | 24V AC         | 10.5 W / 23 VA             | 5 VA           | NBR       | NBR               | 11399829 |
| 1/2" [15]               | 16            | 3.4                            | 3                                  | 400425-142 | 24V DC         | 9 W [hot] - 11.2 W [cold]  |                | NBR       | NBR               | 11341189 |
| 1/2" [15]               | 16            | 3.4                            | 9                                  | 400425-117 | 230V AC        | 10.5 W / 23 VA             | 5 VA           | NBR       | NBR               | 11269238 |
| 1" [25]                 | 25            | 11.1                           | 6                                  | 400625-242 | 24V DC         | 16.8 W [hot] - 23 W [cold] |                | NBR       | NBR               | 11423616 |
| 1" [25]                 | 25            | 11.1                           | 9                                  | 400525-117 | 230V AC        | 15.4 W / 33.6 VA           | 110 VA         | NBR       | NBR               | 11322957 |
| 3/4" [20]               | 19            | 4.3                            | 9                                  | 400425-101 | 24V AC         | 10.5 W / 23 VA             | 5 VA           | NBR       | NBR               | 11038619 |
| 3/4" [20]               | 19            | 4.3                            | 3                                  | 400425-142 | 24V DC         | 9 W [hot] - 11.2 W [cold]  |                | FPM (FKM) | FPM (FKM)         | 11620247 |
| 3/4" [20]               | 19            | 4.3                            | 3                                  | 400425-142 | 24V DC         | 9 W [hot] - 11.2 W [cold]  |                | NBR       | NBR               | 11342268 |
| 3/4" [20]               | 19            | 4.3                            | 9                                  | 400425-117 | 230V AC        | 10.5 W / 23 VA             | 5 VA           | FPM (FKM) | FPM (FKM)         | 11396100 |
| 3/4" [20]               | 19            | 4.3                            | 9                                  | 400425-117 | 230V AC        | 10.5 W / 23 VA             | 5 VA           | NBR       | NBR               | 11207419 |

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