FEATURES
• Valves do not require a minimum operating pressure and have a high operating pressure as indicated
• Valve operation is not affected by mounting position
• For use with fluids other than those specified below, use other seat materials (St. steel/Bronze)
• The solenoid valves satisfy all relevant EC directives

GENERAL
Differential pressure
See «SPECIFICATIONS» [1 bar = 100 kPa]
Maximum viscosity
65 cSt (mm²/s)
Response time
5 - 25 ms

<table>
<thead>
<tr>
<th>fluid(s) (+)</th>
<th>temperature range (TS)</th>
<th>seal materials (+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>air, inert gas, water, oil</td>
<td>-20°C to +90°C</td>
<td>NBR (nitrile)</td>
</tr>
</tbody>
</table>

MATERIALS IN CONTACT WITH FLUID
(+ ) Ensure that the compatibility of the fluids in contact with the materials is verified

Body
Brass body Stainless steel body
Core tube
Stainless steel Stainless steel
Core and plugnut
Stainless steel Stainless steel
Springs
Stainless steel Stainless steel
Seat
Brass Stainless steel
Seals
NBR NBR
Disc
NBR NBR
Shading coil
Copper Copper

ELECTRICAL CHARACTERISTICS
Coil insulation class
F
Connector
Spade plug (cable Ø 6-10 mm)
Connector specification
ISO 4400 / EN 175301-803, form A
Electrical safety
IEC 335
Electrical enclosure protection
Moulded IP65 (EN 60529)
Standard voltages
DC (=) : 24V - 48V (Other voltages and 60 Hz on request) AC (~) : 24V - 48V - 115V - 230V / 50 Hz

SPECIFICATIONS
<table>
<thead>
<tr>
<th>pipe size</th>
<th>orifice size</th>
<th>flow coefficient</th>
<th>operating pressure</th>
<th>power coil</th>
<th>catalogue number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(mm)</td>
<td>(m³/h)</td>
<td>(l/min)</td>
<td>max. (PS)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>air (+)</td>
<td>water (+)</td>
<td>oil (+)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NC - Normally closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rp 3/8</td>
<td>3,2</td>
<td>0,3</td>
<td>5</td>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>3,2</td>
<td>0,3</td>
<td>5</td>
<td>0</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>0,43</td>
<td>7,2</td>
<td>0</td>
<td>6,5</td>
<td>2,5</td>
</tr>
<tr>
<td>5,6</td>
<td>0,62</td>
<td>10,3</td>
<td>0</td>
<td>6,5</td>
<td>1,7</td>
</tr>
<tr>
<td>7,1</td>
<td>0,82</td>
<td>13,7</td>
<td>0</td>
<td>1,8</td>
<td>1</td>
</tr>
<tr>
<td>NPT 3/8</td>
<td>5,6</td>
<td>0,62</td>
<td>10,3</td>
<td>0</td>
<td>6,5</td>
</tr>
</tbody>
</table>

(1) Refer to the dimensional drawings on the following page.

All leaflets are available on: www.asconumatics.eu
OPTIONS

- Valves can also be supplied with FPM (fluoroelastomer), EPDM (ethylene-propylene), CR (chloroprene) and PTFE seals and discs. Use the appropriate optional suffix letter for identification.
- Waterproof enclosure with embedded screw terminal coil according to protection class IP67, CEE-10.
- Electrical enclosures according to “NEMA” standards are available.
- Compliance with “UL”, “CSA” and other local approvals available on request.
- Other pipe connections are available on request.
- Plug with visual indication and peak voltage suppression or with cable length of 2 m (see Solenoids, Coils & Accessories section).

INSTALLATION

- The solenoid valves can be mounted in any position without affecting operation.
- Solenoid valves have 2 mounting holes in body.
- Pipe connection identifier is E = Rp (ISO 7/1) or B = NPT (ANSI 1.20.3).
- Installation/maintenance instructions are included with each valve.

SPARE PARTS KIT

<table>
<thead>
<tr>
<th>catalogue number</th>
<th>spare parts kit no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCE263C003</td>
<td>C302018</td>
</tr>
<tr>
<td>SCE263C054</td>
<td>C302022</td>
</tr>
<tr>
<td>SCE263B200/206/232</td>
<td>C302001</td>
</tr>
<tr>
<td>SCB263B332</td>
<td>C302001</td>
</tr>
</tbody>
</table>

(1) Standard prefixes/suffixes are also applicable to kits.

ORDERING EXAMPLES:

- Type 01: SCE263C003/C054
- Type 02: SCE263B200/B206/B206

ORDERING EXAMPLES KITS:

- Type 01: SCE263C003/C054
- Type 02: SCE263B200/B206/B206

DIMENSIONS (mm), WEIGHT (kg)

<table>
<thead>
<tr>
<th>basic number</th>
<th>pipe thread</th>
<th>voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC E 263 C 003</td>
<td>230V / 50 Hz</td>
<td></td>
</tr>
<tr>
<td>SC E 263 C 054</td>
<td>115V / 50 Hz</td>
<td></td>
</tr>
<tr>
<td>SC E 263 B 200 V</td>
<td>24V / DC</td>
<td></td>
</tr>
<tr>
<td>SC E 263 B 206 E</td>
<td>230V / 50 Hz</td>
<td></td>
</tr>
</tbody>
</table>

ORDERING EXAMPLES KITS:

- Basic number: C302018(1)
- C302068
- C302001

All leaflets are available on: www.asconumaties.eu