PROPORTIONAL SOLENOID VALVE
POSFLOW direct operated
1/4 - 3/8

FEATURES
- Variable flow, proportional to the control signal
- Valves do not require a minimum operating pressure
- Valves can be mounted in any position
- The solenoid valves satisfy all relevant EU directives

GENERAL
Differential pressure
Maximum viscosity
 Fluids (+) temperature range (TS) (+) Seal materials (+)
air, inert gas, water, oil -10°C to +90°C FPM (fluoroelastomer)

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
Riderring PTFE PTFE
Seat Stainless steel Stainless steel
Seal, disc PPM PPM
Breaker piece Stainless steel Stainless steel

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

SPECIFICATIONS
Pipe size Orifice size Flow coefficient Kv Operating pressure differential (bar) Power coil (W) Catalogue number Options
(1) (2) (3) (4) (5) (6) BCMP CR PTFE
NC Normally closed
1/4 G NPT 1,2 0,05 0,8 0 1 16 8 SCG202A001V SCG202A051V - - E J T
G NPT 2,4 0,12 2 0 1 8 8 SCG202A002V SCG202A052V - - E J T
G NPT 3,2 0,24 4,0 0 1 4 8 SCG202A003V SCG202A053V - - E J T
G NPT 4,0 0,42 7,0 0 0 2,5 8 SCG202A004V SCG202A054V - - E J T
G NPT 5,6 0,72 12,0 0 0 1,4 8 SCG202A006V SCG202A056V - - E J T
G NPT 7,1 0,90 15,0 0 0 1 8 SCG202A007V SCG202A057V - - E J T
3/8 G NPT 3,2 0,24 4,0 0 1 4 8 SCE202A023V SCE202A073V - - E J T
G NPT 4,0 0,42 7,0 0 0 2,5 8 SCE202A024V SCE202A074V - - E J T
G NPT 5,6 0,72 12,0 0 0 1,4 8 SCE202A026V SCE202A076V - - E J T
G NPT 7,1 0,90 15,0 0 0 1 8 SCE202A027V SCE202A077V - - E J T

NC - Normally closed

All leaflets are available on: www.asco.com
Proportional Valves - 11
PROPORTIONAL SOLENOID VALVES SERIES 202

OPTIONS

- Valves can also be supplied with NBR (nitrile), EPDM (ethylene-propylene), CR (chloroprene / neoprene) and PTFE seals and discs
- Waterproof enclosure with embedded screw terminal coil according to protection class IP67, CEE-10
- Explosionproof enclosures for use in zones 1/21-2/22, categories 2-3 to ATEX Directive 2014/34/EU, on request
- Electrical enclosures according to “NEMA” standards are available
- Mounting brackets
- Electronic proportional control unit [catalogue number: E908A001 (www.asco.com) / X90850164500100-0200 (www.asco.com)]

Features:
- analog input control signals: 0 - 10 V DC, 0 - 20 mA or 4 - 20 mA
- coil current (= flow rate) adjustable to required control signals
- switch-off function at less than 2% of the maximum control function
- adjustable ramp control
- adjustable frequency
- output current independent of coil resistance and supply voltage variations
- housed in: a box with spade plug connector according to ISO 4400 / IP65
- Other pipe connections are available on request

INSTALLATION

- The solenoid valves can be mounted in any position without affecting operation
- Brass and NPT 3/8 stainless steel solenoid valves have 2 mounting holes in body
- NPT 1/4 stainless steel valves are standard supplied with mounting brackets
- Threaded pipe connection is standard: E = Rp (ISO 7/1) ; G = G (ISO 228/1) ; B = NPT (ANSI 1.20.3)
- Installation/maintenance instructions are included with each valve

ORDERING EXAMPLES:

<table>
<thead>
<tr>
<th>TYPE</th>
<th>prefix</th>
<th>option</th>
<th>catalogue number</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>X</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 SC</td>
<td>SC</td>
<td></td>
<td>SCG202A001V/002V/003V/004V/006V/007V</td>
<td>85</td>
<td>50</td>
<td>30</td>
<td>40</td>
<td>45</td>
<td>58</td>
<td>79</td>
<td>96</td>
<td>30</td>
<td>0.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SCG202A011V/012V/013V/014V/016V/017V</td>
<td>80</td>
<td>50</td>
<td>30</td>
<td>42</td>
<td>45</td>
<td>60</td>
<td>79</td>
<td>95</td>
<td>37</td>
<td>0.60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SCE202A023V/024V/026V/027V</td>
<td>80</td>
<td>50</td>
<td>30</td>
<td>48</td>
<td>45</td>
<td>68</td>
<td>82</td>
<td>97</td>
<td>32</td>
<td>0.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SCB202A033V/034V/036V/037V</td>
<td>80</td>
<td>50</td>
<td>30</td>
<td>51</td>
<td>45</td>
<td>68</td>
<td>81</td>
<td>97</td>
<td>31</td>
<td>0.65</td>
</tr>
</tbody>
</table>

(1) including coil and connector.

All leaflets are available on: www.asco.com