S6010 SERIES STAINLESS SOLENOID VALVES (G1/2” G3/4” G1”)

GENERAL FEATURES

• Large orifice option
• Tork series S6010(NC) direct acting solenoid valves are 2/2 way normally
• Suitable for fuel and oils
• Working temperature -10°C / +160°C
• Easy and quick installation
• High reality, quality and performance; long life, corrosion resistance
• Wide pressure ratings, range of flow rate orifice options
• Ideal for the automatic control of media in a wide range of applications.
• TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/ECC Low Voltage Directive (LVD)
• Coils interchangeable
• How factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
• Solenoid valves must be used with filtered fluids.
• Solenoids valve can be mounted in any position without affecting operation; vertical with coil upwards preferred
• Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 120.3))

ELECTRICAL CHARACTERISTICS

Continuous Duty :ED % 100
Coil Insulation Class : H (180°C)
Coil Impregnation : Polyester Fiber Glass
Coil Encapsulation Material : Fiber Glass Reinforce
Ambient Temperature : from -10°C; +60°C
Protection Degree : IP 65 (EN60529) with coil duly fitted with the plug connector
Electric Plug Connection :DIN 46340 3-poles connectors (DIN 43650)
Connector Specification : ISO 4400 / EN 175301-803, From A, Spade plug (Cable Ø6-8mm)
Electrical Safety :IEC 335
Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
For DC 12V, 24V, 48V, 110V
Other voltages on request;
Voltage Tolerances :For AC -15%, +10%, For DC -5%, +10%
Frequency :50 Hz, other frequencies on request; (60 Hz)
On request: connector with LED
Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

Body : Stainless Steel
Internal Parts : Stainless Steel
Sealing : VITON
Shading Ring : Copper (EN 12735-1)
Core Tube, Springs : Stainless Steel
On request; sealing can be NBR, EPDM

TECHNICAL FEATURES

Max Viscosity : 5° E (-37 cS or mm2/s)
Response Time : Opening Time: 30 ms

Dimensions (mm)

<table>
<thead>
<tr>
<th>Model No</th>
<th>Connection Size</th>
<th>Orifice Size</th>
<th>Pressure min/max</th>
<th>Kv</th>
<th>Fluid Temperature min/max</th>
<th>Seal</th>
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<tbody>
<tr>
<td>S6010</td>
<td>1/2”</td>
<td>5</td>
<td>7</td>
<td>9.2</td>
<td>-10 to 160</td>
<td>VITON&amp;PTFE 0.64</td>
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<td>S6010</td>
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<td>-10 to 160</td>
<td>VITON&amp;PTFE 0.79</td>
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<td>3</td>
<td>18</td>
<td>-10 to 160</td>
<td>VITON&amp;PTFE 0.79</td>
</tr>
</tbody>
</table>

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- On request: connector with LED

**MATERIALS IN CONTACT WITH FLUID**
- Body : Stainless Steel
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### Dimensions (mm)

<table>
<thead>
<tr>
<th>G</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<thead>
<tr>
<th>Model No</th>
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<th>Orifice Size</th>
<th>Pressure min/max (mm)</th>
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<th>Diaflram</th>
<th>Weight</th>
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