A.66... MODULAR FLOW CONTROL VALVES
FAST / SLOW ASSEMBLY CETOP 3

This is modular assembly ON/OFF solenoid valve which, by fitting suitable 2 way regulator, allows two speed operation in the same system via an electrical changeover command.

The flow rate regulator type QC.3.2... must be ordered separately.

The operational limit curves have been obtained with the regulator fully closed, and those same limits improve gradually with the opening of the regulator.

**LIMITS OF USE**

<table>
<thead>
<tr>
<th>p (bar)</th>
<th>Q (l/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>121 (NC)</td>
<td>80</td>
</tr>
<tr>
<td>120 (NA)</td>
<td>80</td>
</tr>
</tbody>
</table>

Max. operating pressure 320 bar
Hydraulic fluids Mineral oils DIN 51524
Fluid viscosity 10 ÷ 500 mm²/s
Fluid temperature -25°C ÷ 75°C
Ambient temperature -25°C ÷ 60°C
Max. contamination level class 10 in accordance with NAS 1638 with filter β25 ≥ 75
Weight 2.4 Kg

The test have been carried out at operating temperature, with a voltage 10% lower than rated voltage and with a fluid temperature of 50 degrees C. The fluid used was a mineral based oil with a viscosity of 46 mm²/s at 40 degrees C.

**HYDRAULIC SYMBOLS**

A.66... Speed control valve
E. Electrical operator
*** = 120 = Normally open
121 = Normally closed
See table hydraulic symbols
Control on lines A/B/P/T (see symbols)
The interface holder "H" must be turned by 180° in order to obtain the A1 and B1 versions.
Voltage: see tab.1
Variants: see tab.2
Serial No.

**ORDERING CODE**

<table>
<thead>
<tr>
<th>A</th>
<th>66</th>
<th>E</th>
<th>***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed control valve</td>
<td>Electrical operator</td>
<td>120 = Normally open</td>
<td>121 = Normally closed</td>
</tr>
</tbody>
</table>

See table hydraulic symbols

**TAB.1 VOLTAGE**

<table>
<thead>
<tr>
<th>DC COILS **</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
</tr>
<tr>
<td>M</td>
</tr>
<tr>
<td>V</td>
</tr>
<tr>
<td>N</td>
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<td>Z</td>
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<tr>
<td>P</td>
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<tr>
<td>K</td>
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<tr>
<td>W</td>
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</tbody>
</table>

115Vac/50Hz
120Vac/60Hz with rectifier
230Vac/50Hz
240Vac/60Hz with rectifier

Voltage codes are not stamped on the plate, they are readable on the coils.

* Special voltage
** Technical data see page XII • 4

**TAB.2 - VARIANTS**

No variant (without connectors) S1(*)
Viton SV(*)
Other variants available on request

(*) Coils with Hirschmann connection supplied without connectors. The connectors can be ordered separately, ch. I page 19.

**OVERALL DIMENSIONS**

Support plane specifications

H = QC.3... interface holder