Directional control valves
hydraulic operated poppet 2-way
normally closed
Common cavity, Size 08

VOI-8A-2A-06-NC OD.75 - X - 18 - Y - 00

**General**

- **Weight** kg (lbs): 0.27 (0.58)
- **Installation orientation**: Optional
- **Ambient temperature range °C (°F)**: -30 to 60 (-22 to 140)

**Hydraulic**

- **Max. operating pressure** bar (psi): 350 (5000)
- **Max. flow** l/min. (gpm): 40 (11)
- **Max. internal leakage** drops/min.: 20
- **Fluid temperature range °C (°F)**: -20 to 80 (-4 to 176)

**Fluids**

- Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm²/s (cSt)

**Installation torque** Nm (ft-lbs): 39-51 (29-38)

**Recommended degree of fluid contamination**

- Nominal value max. 25µm (NAS 8) ISO 4406 19/17/14

**Cavity**

- CA-08A-2N see RE 18325-70

**Lines bodies and standard assemblies**

- Please refer to section "Hydraulic integrated circuit" or consult factory

**Seal kit - version 05**

- Code: RG08A20110520100
- Material no.: R901101437

**Seal kit - version 31**

- Code: RG08A2010530100
- Material no.: R901101544

**Other technical data**

- See data sheet RE 18350-50

**IMPORTANT:** When valve is not operated, flow from 1 to 2 is not recommended due to high opening pressure. (version 05)
Dimensions

Version 05: Directional control valves hydraulic operated poppet 2-way normally closed

Version 31: Directional control valves hydraulic operated poppet 2-way double lock normally closed
Performance graphs

**Version 05**

**Version 31**
Ordering code

Directional control valves
hydraulic operated poppet
2-way normally closed

Common cavity: CA-08A-2N

Pilot pressure

<table>
<thead>
<tr>
<th>Type</th>
<th>Material number</th>
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</thead>
<tbody>
<tr>
<td>OD750518140000</td>
<td>R901109467</td>
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<td>OD750518340000</td>
<td>R901109471</td>
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<td>OD753118140000</td>
<td>R901109472</td>
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<td>OD753118340000</td>
<td>R901109473</td>
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Type    | Material number
---      | -----------------
OD75     | *
18       | *
00       | 

Pilot pressure

<table>
<thead>
<tr>
<th>Min. bar (psi)</th>
<th>Max. bar (psi)</th>
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<tbody>
<tr>
<td>2-3 (29-44)</td>
<td>15 (218)</td>
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<tr>
<td>15-20 (218-290)</td>
<td>50 (725)</td>
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