Description

Solenoid operated cartridge type directional control valve
Sliding spool construction.
Wet pin solenoids ensure better heat dissipation, quieter operation, there by increasing solenoid life.
Moulded solenoid coils eliminate moisture problems and ingress of dust.
Plug-in-coils for ease of maintenance.
Indicator lights are a standard feature.

Section

Model: 3 CDE06

Unit dimension

Model: 3 CDE06

Dimensions in mm.

Polyhydron Pvt. Ltd.
78-80, Machhe Industrial Estate,
Machhe, Belgaum - 590 014, INDIA.

Phone : +91-(0)831-2411001
Fax : +91-(0)831-2411002
E-mail : polyhydron@vsnl.com
Website : www.polyhydron.com
Technical specification

Hydraulic:

- Construction: Screw in Cartridge, Spool type
- Mounting position: Optional
- Operating Pressure: 210 bar
- Nominal flow handling capacity: 20 lpm.
- Flow direction: Refer spool chart.
- Hydraulic medium: Mineral oil.
- Viscosity range: 10 to 380 cSt.
- Working temperature range: -20 °C to +70 °C.
- Fluid cleanliness requirement: As per ISO code 16/13 or better.
- Weight: 0.65 kg. APPROX.

Electrical:

- D.C. Voltage: 12 V, 24 V
- A.C. Voltage: 110 V-50 Hz, 220 V-50 Hz
- Power requirement: 30 W
- Electrical connection: As per DIN 43650
- Duty cycle: Continuous
- Switching time (ON): 40 ms
- (OFF): 30 ms
- Max. ambient temperature: 50 °C
- Max. coil temperature: 100 °C
- Max. switching frequency: 15000/hr
- Protection: IP 65

Note: AC solenoid coil is basically a DC coil with built-in rectifier.
**Ordering code**

- **Service ports**: 2, 3
- **Cartridge Directional Valve**: Solenoid Operated
- **Size**: 06
- **Design code subject to change. Installation dimensions remain same. for design code 01 thru 09.**
- **Coil Voltage**
  - D12: DC 12 V
  - D24: DC 24 V
  - A110: AC 110 V, 50 Hz
  - A220: AC 220 V, 50 Hz

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**SOLENOID OPERATED**

**CARTRIDGE DCV**

**CDE 06**

**Ref. No. D 31100**

**ENGINEERING** 3
Sectional View and Spare part details

Model: 3 CDE06

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
<th>SIZE</th>
<th>QTY.</th>
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<tr>
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<td>SLEEVE</td>
<td>31101</td>
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<tr>
<td>2</td>
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<td>STOPPER</td>
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<td>5</td>
<td>SPRING PAD</td>
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<td>6</td>
<td>CONICAL SPRING</td>
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<td>SPLIT WASHER</td>
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Model: 2 CDE06

Note: * Recommended seal kit.  * & # Recommended spare kit.

While ordering the individual spares / spare kit / seal kit, give part no. and complete details of model code as on the label.