Description
A lever operated rotary type directional control valve is generally used for high pressure applications.

It works on shear seal principle which gives good sealing and zero leakage.

These valves are used where leak free closure is required.

Unit Dimensions

Dimensions in mm.

Hydraulic Symbol

3 position detented
Subplate mounting

Hand pump mounting with outgoing NPT ports

Interface Details

Subplate mounting

Hand pump mounting with outgoing NPT ports
Technical Specifications

Construction ................................................. Rotary Disc type
Mounting type ............................................... Threaded, subplate type & Hand pump mounting
Mounting position ........................................... Optional
Flow direction .................................................. As per the symbol
Operating pressure .................................

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<th>Port</th>
<th>P (bar)</th>
<th>A (bar)</th>
<th>B (bar)</th>
<th>T (bar)</th>
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<td>700</td>
<td>700</td>
<td>110</td>
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<tr>
<td>Int</td>
<td>1000</td>
<td>1000</td>
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<td>max</td>
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Hydraulic medium ........................................ Mineral oil
Viscosity range .......................................... 10 cSt to 380 cSt
Fluid temperature range ............................. -20 to 70 degree celcius.
Fluid cleanliness requirement ...................... As per ISO code 16/13 or better.
Flow handling capacity ............................... Refer graph blow
Mass .......................................................... 1.6 kg Approx.

Performance Curve

Oil used :- ISO VG 46 : 46cSt @ 40° C, temp @ test : 40°C
ROTARY DIRECTIONAL CONTROL VALVE  MODEL : RDL

Ordering code

4 SERVICE PORTS - 4

ROTARY D.C.V. LEVER OPERATED

SIZE 03

D-DETENTED

DISC TYPE (REF. CHART)

4- DESIGN CODE SUBJECT TO CHANGE. INSTALLATION DIMNS. REMAIN SAME FOR DESIGN CODE 01 THRU 09

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SYMBOL</th>
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