Description

Designed to control double pumps of a Hi-Low system. Unloads low pressure pump when system pressure rises above the pressure set on unloader valve. Relieves high pressure pump when system pressure reaches the value.

Connection details.

- **P** ...... Out let connection.
- **LPG** .... Gauge connection on low pressure pump line.
- **HPG** .... Gauge connection on high pressure pump line.
- **HP** ...... High pressure pump connection.
- **T1** ...... Tank connection high pressure.
- **LP** ...... Low pressure pump connection.
- **T2** ...... Tank connection low pressure.

Unit dimensions

Port details.

- **HP** - G3/8
- **LP** - G3/8
- **P** - G1/2
- **HPG** - G1/4
- **LPG** - G1/4
- **T1** - G3/8
- **T2** - G3/8

Dimensions in mm.

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

Construction............................... Direct acting poppet type high pr. relief valve.
                                            Direct acting spool type low pr. unloading valve.
Mounting ..................................... Threaded body (Factory standard)
Mounting position .......................... Optional
Direction of flow ........................... As per hydraulic symbol.
Operating pressure ........................ For low pr. pump port 100 bar max.
                                            For high pr. pump port 100, 200 and 315 bar.
Hydraulic medium ............................ Mineral oil.
Viscosity range ............................. 10 cSt to 380 cSt.
Fluid temperature range .................. -20°C to +70°C.
Fluid cleanliness requirement ............ ISO 4406 20/18/15 or better.
Flow handling capacity ......................

<table>
<thead>
<tr>
<th>Model</th>
<th>High pressure max.</th>
<th>Low pressure max.</th>
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<tbody>
<tr>
<td>PCM 06-06</td>
<td>25 l/min.</td>
<td>25 l/min.</td>
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Mass ........................................... 1.75 kg APPROX.

Ordering code

PCM 06 - 06 - 50 - 315 - 20
Pressure Control Module with unloader valve size 06
Relief valve size 06
Unloader Pressure Setting 50 and 100 bar max.
Relief pressure setting 100, 200 and 315 max.

Design Code subject to change. Installation dimensions remain same for design code 20 thru 29.