ROLLBLOC Hydraulic Unit

Operating pressure 400 bar

With intermittent operation
Version depends on delivery rate and effective volume

Technical data Type A...
- Delivery rate 1.5 litres/min
- Tank volume 4.0 litre
- Hydraulic oil HLPD 46
- Effective volume 2.0 litre
- Power consumption 0.75 kW
- Voltage 400 V, 50 Hz
- Speed 1360 rpm
- Control voltage 24 V DC

Dimensions
- 340 x 610 x 630 mm
  (W x D x H)

Equipment
- Temperature monitor
- Level monitor
- Pressure limiting valve
- Pressure switch
- Aluminium housing

Technical data Type B...
- Delivery rate 1.8 litres/min
- Tank volume 5.0 litre
- Hydraulic oil HLPD 46
- Effective volume 3.0 litre
- Power consumption 1.0 kW
- Voltage 400 V, 50 Hz
- Speed 1370 rpm
- Control voltage 24 V DC

Dimensions
- 340 x 610 x 630 mm
  (W x D x H)

Equipment
- Temperature monitor
- Level monitor
- Pressure limiting valve
- Pressure switch
- Aluminium housing

Type list

<table>
<thead>
<tr>
<th>Hydraulic unit</th>
<th>Electric equipment</th>
<th>Order code</th>
</tr>
</thead>
<tbody>
<tr>
<td>With frame</td>
<td>Without frame</td>
<td>Without electrical system</td>
</tr>
<tr>
<td>AR</td>
<td>S</td>
<td>V</td>
</tr>
<tr>
<td>AN</td>
<td>S</td>
<td>V</td>
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<tr>
<td>BR</td>
<td>S</td>
<td>V</td>
</tr>
<tr>
<td>BN</td>
<td>S</td>
<td>V</td>
</tr>
</tbody>
</table>

Further units optional

Frame
- With oil collection tray
- Mounting facility for terminal box
- Control with control panel
### Requirements/example:

#### Initial situation

- 8 sliding clamps, Type ES are used on a press in the ram area.
- 4 ledge clamps, Type SL are used on the press table.
- 2 ROLLBLOC hydraulic, roller version die lifters are installed in the press bed for the purpose of handling the dies.

For safety reasons, the sliding clamps on the ram should be supplied via 2 separate, double-acting circuits.

Installation work is simplified by the use of distributor plates.

This application example requires the following order.

### Order example: BRE-1EEA-1WEA-2DEP

<table>
<thead>
<tr>
<th>Product application</th>
<th>Order description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Hydraulic unit</td>
<td>1x hydraulic unit BRE</td>
</tr>
<tr>
<td>1 hydraulic unit consisting of central hydraulic unit with frame and control (unit type B)</td>
<td></td>
</tr>
<tr>
<td>2. Table area</td>
<td>1x valve set EEA</td>
</tr>
<tr>
<td>2.1 1 valve set for ledge clamps type SL, electrically controlled*, (mounting on hydraulic unit, standard)</td>
<td></td>
</tr>
<tr>
<td>2.2 1 valve set for roller version die lifters, electrically controlled*, (mounting on hydraulic unit, standard)</td>
<td>1x valve set WEA</td>
</tr>
<tr>
<td>3. Ram area</td>
<td>2x valve sets DEP</td>
</tr>
<tr>
<td>2 valve sets for sliding clamps type ES in 2-circuit arrangement 'crosswise' and park station with pilot-controlled check valve, Control*, to be mounted on plate in the ram area</td>
<td></td>
</tr>
</tbody>
</table>

*Only together with hydraulic unit …E