Hydraulic Intensifiers
Double Acting

Description
- A Hydraulic Intensifier is used to boost the low pressure output of a hydraulic power unit. The high pressure output of the intensifier is used in clamping devices.

Important Notes
- The system should be designed to avoid creation of vacuum in the lines.
- Air should be thoroughly bled (removed) from the system before operation and at regular intervals.

Features
- Type: Double Acting
- Max. Input pressure: 40 kg/cm²
- Intensification ratio: 1:5

Mounting Arrangements

Horizontal Mounting

Vertical Mounting

Hydraulic Circuit-1
(Reqd. oil volume < Intensifier oil output)

Hydraulic Circuit-2
(Reqd. oil volume > Intensifier oil output)

SPECIFICATIONS

<table>
<thead>
<tr>
<th>SL.No.</th>
<th>MAX. INPUT PRESSURE (kg/cm²)</th>
<th>INTENSIFICATION RATIO</th>
<th>OIL OUTPUT (cc)</th>
<th>WEIGHT (kg)</th>
<th>STANDARD PART No’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40</td>
<td>1:5</td>
<td>80</td>
<td>15</td>
<td>6210-100 (Horizontal Mounting with Reservoir)</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>1:5</td>
<td>80</td>
<td>15</td>
<td>6210-200 (Vertical Mounting with Reservoir)</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>1:5</td>
<td>80</td>
<td>15</td>
<td>6210-300 (Universal Mounting without Reservoir)</td>
</tr>
</tbody>
</table>

• All dimensions are in mm
• Overall dimensional tolerance ±0.5 mm

Subject to change without notice