Two variable-displacement pumps (HPP-VC2V-F14*-B, HPP-VF2V-F63A3-B) are assembled as a unit and driven by one motor. The fluid pumped from the two pumps can be delivered to separate circuits to drive individual actuators or can be converged to drive a single actuator.

**Features**

Space can be saved because the same shaft can drive two piston pumps.

**Cautions on use**

Please read the Operating Manual carefully to ensure correct usage.

- The standard direction of rotation is to right (CW), viewed from the shaft end.
- Capacity of each pump is same as the single pump.
- Refer to A-20 and A-24 pages.
- The pump can be used for R&O type and abrasion-resistant type hydraulic fluid applications.
- Refer to the “Cautions on Using Pumps and Motors”, A-2 and A-3 pages.

**Description of the model designation**

HPP-VC2V-L14-14A3A3-B

- Model No.
- Pressure adjustment range of shaft side pump
  - 3: 1 to 7 MPa (HPP-VC Series)
  - 1.4 to 7 MPa (HPP-VF Series)
- Pressure adjustment range of head side pump
  - 3: 1 to 7 MPa
  - 5: 3 to 14 MPa
- Displacement at shaft side pump
  - 14: 14.5 cm³/rev
  - 63: 63 cm³/rev
- Displacement at head side pump
  - 14: 14.5 cm³/rev
- Mounting method
  - L: Foot type (Foot type only produced)
  - C: HPP-VC Series
  - F: HPP-VF Series
- Piston pump
- Head side pump
- Variable displacement type

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Displacement (cm³/rev)</th>
<th>Pressure adjustment range (MPa)</th>
<th>Rotating speed (min⁻¹)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Rated</td>
<td>Max.</td>
</tr>
<tr>
<td>HPP-VC2V-L14-14A3A3-B</td>
<td>14.5</td>
<td>1 to 7</td>
<td>1,800</td>
</tr>
<tr>
<td>HPP-VCF2V-L14-63A3A3-B</td>
<td>14.5</td>
<td>1.4 to 7</td>
<td>1,800</td>
</tr>
<tr>
<td>HPP-VC2V-L14-14A3A3-B</td>
<td>63</td>
<td>3 to 14</td>
<td>1.4 to 7</td>
</tr>
</tbody>
</table>

At the rated output, displacement volume and adjustment range, the upper row indicates the head-side pump, and the lower row indicates the shaft-side pump, for both maximum and minimum.

*1: Set the minimum discharge rate at 5 L/min. or more, regardless of rotating speed.
*2: Set the minimum discharge rate at 23 L/min. or more, regardless of rotating speed.
*2: Set the minimum discharge rate at 23 L/min. or more, regardless of rotating speed.

*1: Set the minimum discharge rate at 5 L/min. or more, regardless of rotating speed.

At the rated output, displacement volume and adjustment range, the upper row indicates the head-side pump, and the lower row indicates the shaft-side pump, for both maximum and minimum.

Space can be saved because the same shaft can drive two piston pumps.

Two variable-displacement pumps (HPP-VC2V-F14*-B, HPP-VF2V-F63A3-B) are assembled as a unit and driven by one motor. The fluid pumped from the two pumps can be delivered to separate circuits to drive individual actuators or can be converged to drive a single actuator.

Mass: 26.9kg

Mass: 84.8kg

(Note) Dimension in parentheses indicates the welding flange dimension, dimensions without parentheses indicate Rc thread flange dimension.