LPP-D20 Hose Pump

FLOW WITH MAXIMUM PRESSURE

LPP-D20 CAPACITY CHART, CONTINUOUS DUTY, UP TO 95°C
(24 h/day/7 days per week)

Pump Motor Power (kW)

Pump Capacity (m³/h)

0

0,55

0,75

1,1

1,5

0 0,22 0,43 0,65 0,86 1,08 1,20
0 20 40 60 80 100 111

16 bar

7,5 bar

2,5 bar

Technical Data

• Maximum flow: 1.2m³/h
• Maximum pressure: 7,5/16 bar
• Flow/revolution: 0.18 l
• Hose connection: R ¾"
• Hose bore: 20 mm
• Lubricant volume: 0.4 l / 1 l
• Weight: ~47 kg
• Motor power: 0.55-1.1kW

Construction materials

• Housing: High-strength cast aluminium
• Crank shaft: Carbon steel
• Rotor: PU or black nitratated steel
• Hose materials (colour code):
  EPDM (violet)
  NR (light blue)
  NBR (yellow)
  NBRF (white)

Dimensions (X, Y) vary according to the drive size.
Please consult Flowrox Oy for the exact drive sizing to your application.
### FLOWROX PUMP MODEL NUMBERING

<table>
<thead>
<tr>
<th>Model</th>
<th>Size (DN)</th>
<th>Drive</th>
<th>Pressure Class (PN)</th>
<th>Connection</th>
<th>Body Material</th>
<th>Drive Control</th>
<th>Auxiliaries</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPP-D=</td>
<td>15</td>
<td>GM = geared motor</td>
<td>7.5 bar</td>
<td>R ½&quot;</td>
<td>3 = AL</td>
<td>II = Integrated inverter (IP66)</td>
<td>R = Revolution detector</td>
</tr>
<tr>
<td>Dosing pump</td>
<td>20</td>
<td>GU = gear unit</td>
<td>16 bar</td>
<td>R ¾&quot;</td>
<td></td>
<td>I = Inverter (IP20)</td>
<td>D = Hose leak detector</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>BS = bare shaft pump</td>
<td></td>
<td>R 1&quot;</td>
<td></td>
<td>N = None</td>
<td>F = Forced cooling</td>
</tr>
<tr>
<td></td>
<td>(mm)</td>
<td></td>
<td></td>
<td>9 = other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example:** Pump LPP-D15, geared motor, 16 bar, hose connection R½”, without inverter, revolution detector

**Type marking:** LPP-D15GM 16-R½”--3-N-R

### FLOWROX PUMP HOSE MODEL NUMBERING

<table>
<thead>
<tr>
<th>Hose Type</th>
<th>Hose Material</th>
<th>Pressure Class (PN)</th>
<th>Hose Inner Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPP-D = LPP-D pump hose</td>
<td>EPDM = Ethylene propylene</td>
<td>16 bar</td>
<td>15 (mm)</td>
</tr>
<tr>
<td></td>
<td>NR = Natural rubber</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>NBR = Nitrile</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>NBRF = Nitrile (FDA)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example:** LPP-D hose, natural rubber, pressure class 16 bar, hose bore diameter 15 mm

**Type marking:** LPP-D15-NR16