PFH-23-.., PFP-23-.. with follower pistons at atmospheric pressure

**Hydraulically Actuated**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Number of outlet ports</th>
<th>Delivery rate (ccm) per port/stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFH-23-2</td>
<td>1</td>
<td>2.5 *</td>
</tr>
<tr>
<td>PFH-23-22</td>
<td>2</td>
<td>1.25 **</td>
</tr>
</tbody>
</table>

Reservoir capacity .......................................... 1.5 kg
Reservoir material ........................................... acrylic glass
Operating pressure as a function of P1 ...max. 200 bars
Operating pressure P1 .................................. 6 to 30 bars
Actuating piston with resetting spring
Area ratio: force/lubrication .......................... 7:1
Lubricant .................................................. grease up to NLGI grade 2
Temperature range ........................................... +10 °C to +60 °C
Mounting position ........................................... vertical

**Pneumatically Actuated**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Number of outlet ports</th>
<th>Delivery rate (ccm) per port/stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFP-23-2</td>
<td>1</td>
<td>2.5 *</td>
</tr>
<tr>
<td>PFP-23-22</td>
<td>2</td>
<td>1.25 **</td>
</tr>
</tbody>
</table>

Reservoir capacity .......................................... 1.5 kg
Reservoir material ........................................... acrylic glass
Operating pressure as a function of the air pressure ........ max. 190 bars
Actuating pressure for pump ............................. 6 to 10 bars
Actuating piston with resetting spring
Area ratio: force/lubrication .......................... 20:1
Lubricant .................................................. grease up to NLGI grade 2
Temperature range ........................................... +10 °C to +60 °C
Mounting position ........................................... vertical

* optional with P2 or P3
  (one outlet port closed by plug)
** both outlet ports have to be used.

Use connection fittings with cutting-sleeve screw unions to DIN 2353.

P1 = pressurized oil or compressed-air port
P2, P3 = main line to system (ø 10 tube)
R = air compensation line
Grease topped up via port F
Order No. for coupling socket: 995-001-500
Order No. for grease topping-up pump: 169-000-004