FOOT OPERATED VALVE
Series DP

FOOT OPERATED VALVE - G1/4

Features

- Valve
  - Poppet type
  - High reliability
  - High response
  - Compact size
  - Long life

- Foot pedal
  - Pressure die cast pedal
  - Convenient to operate without physical strain
  - Spring return type
  - Lock provided

Application

These valves are used as directional control valves to operate pneumatic cylinders (single or double acting).

Function

A 5/2 foot operated valve connected to a pneumatic cylinder (double acting type), when pressed once and released, makes the cylinder piston to move in the forward direction and continuously keeps in that direction. When it is again pressed the lock is released and the pedal returns back due to a spring, and thus the cylinder retracts back to its home position.

Similarly a 3/2 foot operated valve, can be used to operate a single acting cylinder.

Technical Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>3 / 2</th>
<th>5 / 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Size</td>
<td>G1/4</td>
<td></td>
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<tr>
<td>Medium</td>
<td>Compressed air, filtered (lubricated / non-lubricated)</td>
<td></td>
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<tr>
<td>Flow (l/min)</td>
<td>600</td>
<td>550</td>
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<tr>
<td>Operating pressure range</td>
<td>0 - 10 bar</td>
<td></td>
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<tr>
<td>Ambient / Medium temperature</td>
<td>5° - 60° C</td>
<td></td>
</tr>
<tr>
<td>Materials of construction</td>
<td>Aluminium, Steel, Brass, Acetal, Nitrile</td>
<td></td>
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</tbody>
</table>

@ Inlet pressure 6 bar, and pressure drop 1 bar
5 / 2 Foot operated valve

3 / 2 Foot operated valve
FOOT OPERATED VALVE
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Cat No DP - 01 - 03

5 / 2 Foot operated valve with lock

![Diagram of 5/2 Foot operated valve with lock]

3 / 2 Foot operated valve with lock

![Diagram of 3/2 Foot operated valve with lock]

How to Order
While ordering Foot operated valve with lock, mention the ordering number given in the corresponding tables.

Subject to change