HYDRAULIC CHECK VALVES

HYDRAULIC SHUTTLER CHECK VALVE | SV 06 SERIES

- Two input pressure ports
- BSP threaded or customized available
- Two check way sealing, high pressure operation

Shuttle valve is operated by hydraulic oil and design for screw-in connection and plate position installation. The SV shuttle valve allows the flow in one each direction and block the flow from other port. There are a high strength stainless ball in the valve chamber to open and stop each in put pressure at A or B port. There are two designs for high pressure 315bar(4567.50PSI) and higher pressure 410bar(5945.00PSI) with two alternative inlet pipe requirements, it is much convenient for hydraulic pipe installation without any cartridge cavity.

There are various connection threads of shuttle valve as per different hydraulic system requirements. The raw materials will be able to carbon steel (Common use), stainless steel, aluminum apply to each different working position.

We test the shuttle valve with 100 percent for each without any oil leakage before delivery to our customers.

### Ordering Code

<table>
<thead>
<tr>
<th>FT</th>
<th>SV</th>
<th>06</th>
<th>H</th>
<th>G</th>
</tr>
</thead>
</table>

- **Producer code** = FT
- **SV** = Shuttle Valve
- **Size** = 06

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. pressure</th>
<th>Max. Flow Rate</th>
<th>Connection Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV06H</td>
<td>420bar(6090PSI)</td>
<td>35L/Min.</td>
<td>Threaded</td>
</tr>
<tr>
<td>SV06N</td>
<td>250bar(3625PSI)</td>
<td>35L/Min.</td>
<td>Threaded</td>
</tr>
</tbody>
</table>

### Symbol & Performance Curve

**Free Flow:**
- A port to D port;
- OR
- B port to D port

### Dimensions

![Dimensions Diagram]