High Pressure Dump/Selector Valve

3-port, 2-way lever operated Selector Valves for use in high pressure water jetting & pumping applications. The design uses a non-balanced shuttle arrangement where the water pressure assists in keeping the valve tight against the seat.

The valve can be used as an off-load/dump valve where the dump line is returned to the supply tank at low pressure or as a selector valve where pump flow needs to be switched between two different high pressure outlets.

Summary of standard valves

<table>
<thead>
<tr>
<th>Part No</th>
<th>Connection</th>
<th>Max Pressure</th>
<th>Max Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>43735-101</td>
<td>½&quot; BSPT</td>
<td>1035 bar</td>
<td>15,000 psi 45 lpm 12 usgpm</td>
</tr>
<tr>
<td>43744-207</td>
<td>¾&quot; BSPP</td>
<td>690 bar</td>
<td>10,000 psi 275 lpm 50 usgpm</td>
</tr>
</tbody>
</table>

Build Options

- Range of fully balanced spool valves also available where the valve needs to be actuated under pressure, manually, pneumatically or hydraulically

Features

- 431 stainless steel bodies & nickel aluminium bronze valve seats
- Spare tapping for pressure gauge connection
- Mounting holes for simple installation
- All valves fully tested & supplied with test certificates
- Seal & repair kits available

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In line with the Company’s policy of research and development, alterations in design, dimensions and appearance are incorporated from time to time in order to ensure that important developments are included at the earliest opportunity. The Company, therefore, reserves the right to alter design, dimensions etc without notice.