Three features in one valve
Check-Trol is the solution for circulator installations. Installing a Check-Trol on the discharge of the circulator gives you the features of a Flow Control Valve, Isolation Valve and Companion Flange. Another advantage of the Check-Trol is the minimal pressure drop, especially when compared to the losses that can be experienced when a check valve is installed internal to the circulator.

The Check-Trol flanges are packaged with an isolation flange of the same size to create a pair. Capscrews and nuts are included.

Flow Control Valve
Prevents gravity circulation and flow in the wrong direction.

Isolation Valve
Allows for servicing or replacement of the circulator without draining the system.

Companion Flange
Free-floating companion flanges allow easy alignment for optimal handle positioning.

Can be used with most circulators, including NRF/NBF/SSF wet rotors, Series PLs, 100, PR and LR, and other manufacturers’ pumps.

Available sizes: 3/4”, 1”, 1-1/4”, 1-1/2” NPT and Sweat.

Check-Trol®
Isolation Flow Control Flange
Check-Trol® Isolation Flow Control Flange

Description
The Check-Trol flange is a combination isolation valve, flow control valve, and companion flange for circulators. The full port ball valve allows the circulator to be removed from the system without draining the system. The internal spring check prevents gravity circulation. Free floating companion flange makes pump installation a snap.

Operating Data
- Maximum working pressure .............. 150 psi (10 bar)
- Maximum operating temperature .......... 200°F (93°C)

Materials of Construction
- Valve Body .................................. Lead-Free™ Brass
- Flange ........................................ Chrome Plated Steel
- Ball .......................................... Chrome Plated Lead-Free™ Brass
- Packing ...................................... PTFE
- Seat Ring .................................... PTFE
- Stem .......................................... Lead-Free™ Brass
- Spring Check ...................... Nitrile, Acetal, Stainless Steel

† Contains less than 0.25% lead content by weight on wetted surfaces

Dimensions and Weights

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Size Inches</th>
<th>Model</th>
<th>Use with Following Circulators</th>
<th>Dimensions – Inches (MM)</th>
<th>Approx. Shpg. Wt. Lbs. (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>101231LF</td>
<td>3/4&quot; NPT x Flange</td>
<td>CTF - 3/4</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>3/4&quot; NPT</td>
<td>3-7/64&quot; (79.0)</td>
</tr>
<tr>
<td>101232LF</td>
<td>1&quot; NPT x Flange</td>
<td>CTF - 1</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>1&quot; NPT</td>
<td>3-15/16&quot; (100.0)</td>
</tr>
<tr>
<td>101233LF</td>
<td>1-1/4&quot; NPT x Flange</td>
<td>CTF - 1/4</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>1-1/4&quot; NPT</td>
<td>4-25/32&quot; (121.4)</td>
</tr>
<tr>
<td>101245LF</td>
<td>1-1/2&quot; NPT x Flange</td>
<td>CTF - 1-2</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>1-1/2&quot; NPT</td>
<td>4-27/32&quot; (122.9)</td>
</tr>
<tr>
<td>101236LF</td>
<td>3/4&quot; SWT x Flange</td>
<td>CTS - 3/4</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>3/4&quot; SWT</td>
<td>3-21/64&quot; (84.5)</td>
</tr>
<tr>
<td>101237LF</td>
<td>1&quot; SWT x Flange</td>
<td>CTS - 1</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>1&quot; SWT</td>
<td>4-1/64&quot; (102.0)</td>
</tr>
<tr>
<td>101238LF</td>
<td>1-1/4&quot; SWT x Flange</td>
<td>CTS - 1/4</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>1-1/4&quot; SWT</td>
<td>4-55/64&quot; (123.4)</td>
</tr>
<tr>
<td>101247LF</td>
<td>1-1/2&quot; SWT x Flange</td>
<td>CTS - 1-1/2</td>
<td>NRF/NBF/SSF Wet Rotors</td>
<td>1-1/2&quot; SWT</td>
<td>5-1/64&quot; (127.4)</td>
</tr>
</tbody>
</table>

† Not for use with NRF/NBF-45, HV flanges required.

Dimensions and weights are approximate and subject to change. Contact factory for certified dimensions. Check-Trol flange is sold with an isolation flange as a pair.

** B: Dimension is overall length of isolation flange. The part numbers and shipping weights are for one Check-Trol flange and one isolation flange, cap screws and nuts.

Typical Specifications
Furnish and install on plans _______________ “ NPT/Sweat x Flange
Check-Trol flange on the pump discharge. The Check-Trol flange will prevent gravity circulation and flow in the wrong direction. When closed, it will provide positive shut-off. The mating flange shall be free floating allowing it to rotate eliminating the need to align the bolt holes of the flanges when installing to the piping system. The Check-Trol flange shall be constructed with a brass body, chrome plated brass ball, chrome plated flange and handle, and Teflon packing and seat ring and a non-ferrous check. The Check-Trol flange shall be Bell & Gossett or equal.