TR-IS SERIES™
CENTRIFUGAL PRODUCT LINE

FEATURES & OPTIONS
- 316L stainless steel construction certified for 3A and in compliance with EHEDG standards
- 100% electropolished internals for fastest cleaning and maximum hygiene
- Internal seal is more hygienic and delivers extended service life compared to external seals
- Fully CIP (clean in place) capable, and fully drainable
- Semi-open impeller design delivers improved efficiency ranging from 5-8% in most applications, saving on energy costs
- Matches the same footprint as industry standard “C-Series” pumps, no pipework changes are required for installation
- Convert easily between single and double balanced mechanical seals in SIC/SiC, C/SiC, SiC/SiC/SiC, or C/SiC/SiC
- Connections: Clamp (standard), Flange, NPT, Weldable, Bevel Seat, DIN, SMS

PERFORMANCE

MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>“C-Series” Model</th>
<th>Maximum Capacity</th>
<th>Port Size (Inches)</th>
<th>Maximum Impeller Diameter</th>
<th>Maximum Differential Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>GPM LPM</td>
<td>Inlet Outlet</td>
<td>PSI BAR</td>
<td></td>
</tr>
<tr>
<td>TR-IS 114 C114</td>
<td>157 594</td>
<td>1.5&quot; 1.5&quot;</td>
<td>4&quot; 2.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TR-IS 214 C214</td>
<td>190 719</td>
<td>2&quot; 1.5&quot;</td>
<td>4&quot; 2.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TR-IS 216 C216</td>
<td>283 1,071</td>
<td>2&quot; 1.5&quot;</td>
<td>6&quot; 5.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TR-IS 316 C316</td>
<td>283 1,071</td>
<td>2.5&quot; 1.5&quot;</td>
<td>6&quot; 5.2</td>
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<td></td>
</tr>
<tr>
<td>TR-IS 218 C218</td>
<td>335 1,268</td>
<td>2&quot; 1.5&quot;</td>
<td>8&quot; 10</td>
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<td></td>
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<tr>
<td>TR-IS 318 C318</td>
<td>525 1,987</td>
<td>3&quot; 1.5&quot;</td>
<td>8&quot; 14</td>
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<td></td>
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<tr>
<td>TR-IS 328 C328</td>
<td>762 2,884</td>
<td>3&quot; 2&quot;</td>
<td>8&quot; 14</td>
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<td></td>
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<tr>
<td>TR-IS 428 C428</td>
<td>813 3,077</td>
<td>4&quot; 2&quot;</td>
<td>8&quot; 15</td>
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<tr>
<td>TR-IS 4410 C4410</td>
<td>1,040 3,936</td>
<td>4&quot; 4&quot;</td>
<td>10&quot; 8.3</td>
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<td></td>
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<tr>
<td>TR-IS 6410 C6410</td>
<td>930 3,520</td>
<td>6&quot; 6&quot;</td>
<td>10&quot; 7.3</td>
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</tbody>
</table>

CAPACITY to 1,040 GPM (3,936 LPM)
PRESSURE to 150 PSI (10.2 BAR)
VISCOSITY to 800 cP
TEMPERATURE to +250°F (+120°C)
WHY ELECTROPOLISH?
- Ultra-smooth 16-Ra surface finish is faster and easier to clean and sterilize while minimizing possibility of bacterial deposits.
- Improved corrosion resistance and ease of passivation.
- Surface finish achieved in all areas of wet end, not only on areas accessible by traditional polishing methods

TYPICAL APPLICATIONS
- Pharmaceutical & WFI
- Personal Care
- Alcohols
- Brewing & Distilling
- Soda / Pop
- Juice
- Dairy
- Bottled Water
- Chemicals

PERFORMANCE CURVES COMPARISON: TR-IS 216 VS TR-C 216

IMPROVED EFFICIENCY = HIGHER PRESSURE, HIGHER FLOW & LESS POWER DRAW

Note: Motors are available in IEC and NEMA 56C, TC, and TSC.