**FEATURES & OPTIONS**

- 316L construction and sanitary finish in compliance with 3A standards
- TR-C pumps and parts are 100% physically & hydraulically interchangeable with other “C-Series” style products; no piping changes are required
- Open impeller design
- Connections: Clamp (standard), Flange, NPT, Weldable, Bevel Seat, DIN, SMS
- Motors are available in IEC and NEMA 56C, TC, & TSC
- Low cost

**TR-C+**

- The TR-C+ delivers improved reliability and cleanability thanks to enhanced shaft and retainer designs
- TR-C+ seal, case, adapter, and backplate are interchangeable with standard “C-Series” models
- TR-C and other “C-Series” pumps can be converted to TR-C+ with a simple kit

**TR-IC+**

- Same flow and pressure capabilities as TR-C+
- 304 SS as standard material of construction
- Glass beaded finish and NPT connections as standard
- Type 21 mechanical seal with Ceramic / Carbon faces and Nitrile elastomers as standard
- Suited for industrial applications

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**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>TR-C 100</td>
<td>Not Available</td>
<td>74 GPM 280 LPM</td>
<td>1.5&quot; Inlet 1.0&quot; Outlet</td>
<td>3.7&quot;</td>
<td>25 PSI 1.7 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 114</td>
<td>C114</td>
<td>152 GPM 575 LPM</td>
<td>1.5&quot; Inlet 1.5&quot; Outlet</td>
<td>4&quot;</td>
<td>32 PSI 2.2 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 214</td>
<td>C214</td>
<td>185 GPM 700 LPM</td>
<td>2&quot; Inlet 1.5&quot; Outlet</td>
<td>4&quot;</td>
<td>30 PSI 2 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 216</td>
<td>C216</td>
<td>275 GPM 1041 LPM</td>
<td>2&quot; Inlet 1.5&quot; Outlet</td>
<td>6&quot;</td>
<td>73 PSI 5 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 316</td>
<td>C316</td>
<td>275 GPM 1041 LPM</td>
<td>2.5&quot; Inlet 1.5&quot; Outlet</td>
<td>6&quot;</td>
<td>72 PSI 5 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 318</td>
<td>C318</td>
<td>325 GPM 1230 LPM</td>
<td>2&quot; Inlet 1.5&quot; Outlet</td>
<td>8&quot;</td>
<td>135 PSI 9.3 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 328</td>
<td>C328</td>
<td>740 GPM 2801 LPM</td>
<td>3&quot; Inlet 2&quot; Outlet</td>
<td>8&quot;</td>
<td>130 PSI 9 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 428</td>
<td>C428</td>
<td>790 GPM 2990 LPM</td>
<td>4&quot; Inlet 2&quot; Outlet</td>
<td>8&quot;</td>
<td>137 PSI 9.4 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 4410</td>
<td>C4410</td>
<td>1040 GPM 3937 LPM</td>
<td>4&quot; Inlet 4&quot; Outlet</td>
<td>10&quot;</td>
<td>120 PSI 8.3 BAR</td>
</tr>
<tr>
<td>TR-C / TR-C+ / TR-IC+ 6410</td>
<td>C6410</td>
<td>930 GPM 3520 LPM</td>
<td>6&quot; Inlet 4&quot; Outlet</td>
<td>10&quot;</td>
<td>106 PSI 7.3 BAR</td>
</tr>
</tbody>
</table>

**CAPACITY** to 1,200 GPM (4,542 LPM)

**PRESSURE** to 117 PSI (8 BAR)

**VISCOSITY** to 600 cP

**TEMPERATURE** to +248°F (+120°C)
**SEALING**

- **“D” Type Seal - Balanced External Seal**
  - Used for a wide variety of applications including dairy products, corn oils, tomato juice, drinks, water, acidic cleaning solutions, and detergents
  - This seal is not recommended for applications where the product is abrasive, corrosive, or forms layers when drying
  - Optional water jet for extended life becomes the “F” type seal

- **“DG” Type Seal - Stationary External Seat**
  - This extended-service seal uses the standard rotary components of the D seal with the addition of a stationary element from silicon carbide, ceramic, or tungsten carbide
  - Applications include liquid sugar, acid, caustic soda, and other abrasive and corrosive products
  - Optional water jet for extended service life

**TYPICAL APPLICATIONS**

- Soda / Pop
- Juice
- Dairy
- Pharmaceutical
- Brewing & Distilling
- Bottled Water
- Chemicals
- & many others

**PERFORMANCE CURVES**

- **“D” Type Seal**
- **“DG” Type Seal**

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