

# C Series Sanitary Pumps

## DIRECT REPLACEMENT FOR >>>

**Tri-Clover™ C-Series Pumps: C114, C216, C218, C328**  
Parts and Seals are interchangeable

Type D, external balanced: for use with dairy products, beverages, water-like products, CIP cleaning solutions and detergents.

Type DG, clamped in seal/seal: for use with or abrasive, non-lubricating products. Eliminates backplate wear as experienced with Type D Seal.

Type E, water-cooled balanced double seal: for use in slurries, heavy vacuum applications (up to 28" Hg) and tacky products exceeding 212 F.

Type F seal, External balanced with water cascade attachment: for pumping applications to 14" Hg. Identical to Type D seal, but includes water cascade.



## SPECIFICATIONS

### PERFORMANCE >>>

Nominal capacity: To 780 GPM

Temperatures: To 212°F

Nominal Speed Range:  
1450 or 2900 RPM–50HZ  
1750 or 3500 RPM–60HZ

### MOTOR >>>

Standard supply for C-series is 3-phase NEMA C-face, totally enclosed, fan cooled, locked bearing, close-coupled motor.

**50 Hz, 220/380 VAC**  
**1,500/3,000 RPM**

**60 Hz, 208-230/460 VAC,**  
**1,750/3,500 RPM**

**60 Hz, 575 VAC**  
**1,750/3,500 RPM**

Drip-proof, explosion-proof, energy efficient and chemical enclosures available.

Flowtrend, Inc. is not associated with, nor a distributor for, any of these manufacturers. Any name, brand, model or part number is for descriptive purposes only. Our components will fit other manufacturer's pumps and carry the OEM warranty.

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### SUITABLE FOR >>>

This versatile pump series is the workhorse of choice for sanitary applications in the food, beverage, dairy, pharmaceutical and biotechnology industries.

- Accommodates a wide variety of liquids and solids under a range of flow conditions and pressures.
- Perfect when full cleanability and corrosion resistance are critical.
- Provides long service life with minimal downtime.
- Designed to provide easy maintenance with no tools required.
- Standard or enlarged inlet with port connections available to meet various pipe sizes.

### FEATURES >>>

- Standard NEMA C-flange motor direct coupled to a centrifugal pump.
- Standard AISI 304 Stainless Steel Adapter eliminates rust, corrosion and paint chips of other brands.
- Wide variety of shaft seals to meet specific needs.

### MATERIALS >>>

Casing, backplate, shaft and impeller	AISI 316 stainless steel
Adapter	AISI 304 stainless steel
Port Connection	S-Line standard; I-Line female, Bevel seat threaded or NPT (male or female) are optional
Finish	Minimum sanitary polish 32Ra ID and OD Special polish up to 10Ra
Elastomers	Buna N: Standard EPDM (E) and Fluoroelastomer (SFY): Optional
Mounting	Pump head mounted to C-face motor. Leg kits optional.
Product connections	Clamp

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