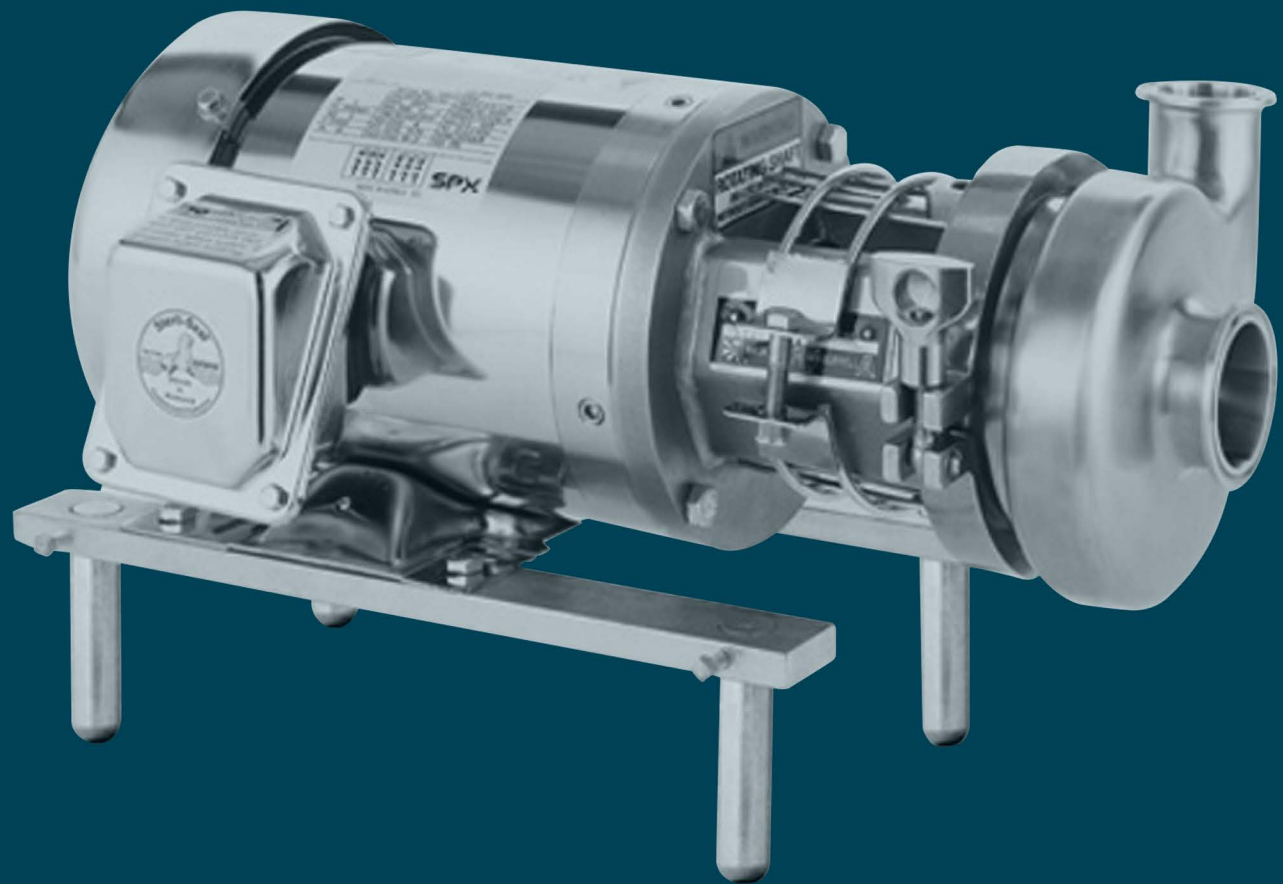
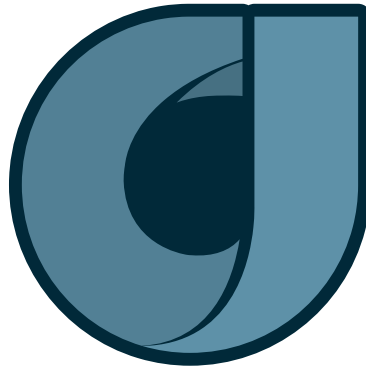


WAUKESHA



CENTRIFUGAL PUMPS  
C-Series



**COEBSA**

WAUKESHA

CENTRIFUGAL PUMPS  
C-Series

**Pure pumping value: Reliability + Economy**

**Waukesha C-Series sanitary pumps:**

Versatile Waukesha C-Series Centrifugal Pumps from Waukesha Cherry-Burrell find broad application throughout sanitary and industrial processes.

These rugged pumps accommodate a wide range of solids and liquids under a variety of flow conditions and deliver long service with minimum downtime.

304 stainless steel adapters — standard, eliminate the rust, corrosion and chipping paint of conventional carbon steel adapters.



**Models C-114 through C-328**

Tested performance — every pump passes strict testing before release for shipping.

**C-100 Centrifugal Pumps**



**Model C-100**

Long-life backplate and adapters — both backplate (with O-ring) and adapters are machined from solid bar stock stainless steel for optimum casing seal life and corrosion resistance.

Long-life components — all “wet end” components are 316L stainless steel.

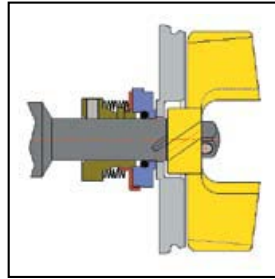
# Seal Options

Fast, easy takedown — no tools required; quick-opening, heavy-duty cast clamp secures casing; impeller pin retained by centrifugal force.

Longer seal life — wave spring provides more uniform loading on seal face than single coil spring; hydraulic balancing reduces sealing surface pressures for less wear and less downtime.

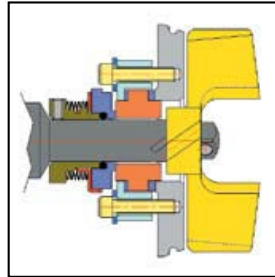
CIP capability — grooves-in-impeller/ shaft routes CIP chemical solutions to all critical areas for clean-in-place.

Casing matches job — choose from standard or enlarged inlet with port connection that meets your piping system.



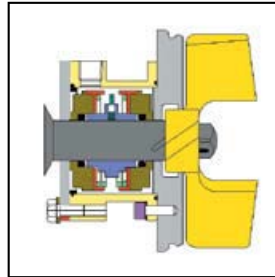
## Type D

**External Balanced Seal**  
This versatile, dependable seal finds broad use in sanitary and industrial applications. Seal material is carbon rotating on the stationary stainless steel.



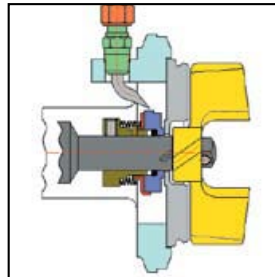
## Type DG

**Clamped-in Seal Seat**  
This seal is ideal for applications where resistance to corrosion is required or for abrasive or non-lubricating products. The DG utilizes Type D rotating seal components; however, the stationary seal seat material is silicon carbide, and is reversible for extended seat life.



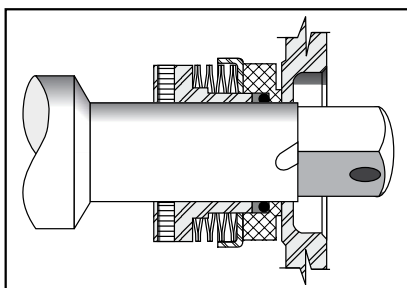
## Type E

**Double Mechanical Seal**  
This double mechanical seal can be pressurized with a flush media and discharged to drain. Ideal for vacuum, high temperature, abrasive or non-lubricating applications.



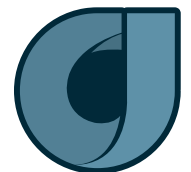
## Type F

**External Balanced, Water Cascade Seal**  
When Seal Type D applications include product temperatures that reach 212°F. (100°C.) or vacuum over 14" Hg (355mm Hg), seal Type F is the choice. It includes the addition of a water cascading assembly that continually flushes the seal area.



## Wave spring extends seal life

Wave spring maintains uniform loading on seal faces for longer seal service.



# Mechanical Specifications

## Standard Construction:

- Casing:** 316L stainless steel
- Backplate:** 316L stainless steel
- Impeller:** 316L stainless steel
- Port Connection:** S-Line Standard; I-Line Female, Bevel Seat threaded or NPT (Male or Female) are optional
- Seal Type:** type D Seal, external balanced (standard) Type F Seal (Type D with Cascade Seal Flush)  
Type DG Seal (clamped in seal/seat)  
Type E Seal (double mechanical)
- Note: DG, F and E seal not available on C-100
- Rotary Seal Material:** Carbon (standard)  
Silicon Carbide & Tungsten Carbide (optional)
- DG Seal Seat Material: Silicon Carbide (standard)  
Purebide, Ceramic & Tungsten Carbide (optional)
- Elastomers:** Buna (standard) or Fluroelastemer (optional)
- Finish:** Sanitary Polish 32RA (150 Grit)
- Mounting: Pump head mounted to C-face motor; leg kit optional

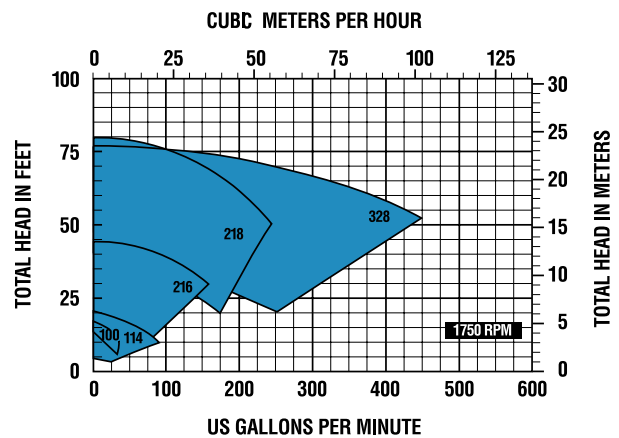
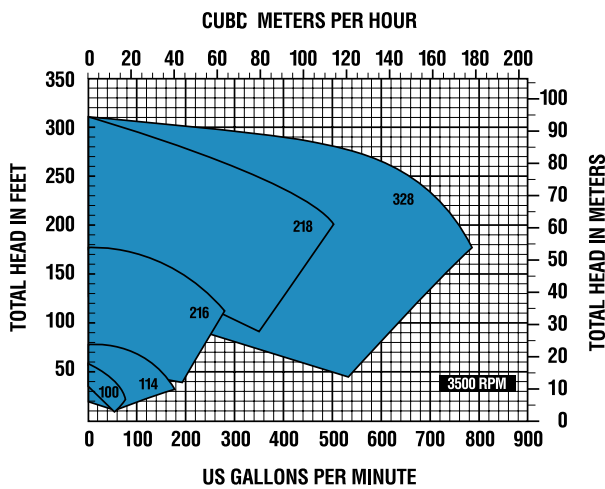
## Performance Characteristics:

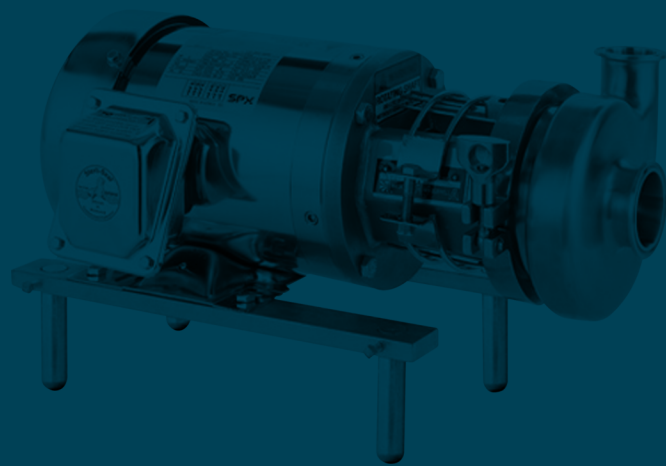
- Nominal Capacity:** To 780 GPM
- Temperatures:** To 212°F
- Nominal Speed Range:**  
1450 or 2900 RPM-50HZ  
1750 or 3500 RPM-60HZ

## Motor :

Standard C-face; 3 phase, 230/460 volts; 1750 and 3500 RPM; TEFC and Washdown Duty, Foot Mounted Other motor types upon request

MODEL NUMBER	INLET (inches)	OUTLET (inches)	MAXIMUM IMPELLER DIAMETER (inches)
C-100	1½	1	3.68
C-114	1½ or 2	1½	4.0
C-216	2 or 2½	1½	6.0
C-218	2 or 3	1½	8.0
C-238	3 or 4	2	8.0





[www.coebesa.com.mx](http://www.coebesa.com.mx)