

The **BC/BP-Series** from *Dixon Sanitary* is a centrifugal pump line designed to deliver performance and quality in FDA and 3A Sanitary applications. The product family can be used in a wide range of processes such as food/beverage and hygienic applications. Call for assistance with pump sizing to meet your specific application requirements.



Shown with
Optional Leg Kit

Applications:

- **Food Processing:** Sauces, Chocolate, Candies, Dough, Meat, Oil, Soup, and Salad Dressings
- **Dairy:** Milk, Cheese, Ice Cream, Yogurt, and Butter
- **Beverage:** Juice, Water, Liquor/Beer, and Specialty Drinks
- **Pharmaceutical:** Aseptic, Metering, R&D, and Sterile Environments
- **Personal Care:** Moisturizer, Cosmetics, Toothpaste, and Shampoo
- **Industrial:** Paint, Resin, Ink, Chemicals, and Detergents

Features:

- Pumps can be sold as wet end (Pump Only) or Complete Motor Pump Coupled Units (Mounted Cart Options Available)
- Casing is Stamped, not cast, for lighter weight material
- Interchangeable Parts with other C-Series Pumps
- Adapter/Guard Design update for easier maintenance and improved serviceability/installation
- Safer cage-less guard design
- BC-Series features impeller retainer
- BP-Series features threaded impeller nut
- 100% CIP-able

BC/BP114

1-1/2 x 1-1/2IN TriClamp Connections

HP Range: 1/2 - 3HP

Standard Motor Specs: 1750 or 3500RPM / 60Hz

Voltage/Phase: 208-230/460 / 575V / 1PH or 3PH Options

Motor Enclosure Options: TEFC / TENV / Explosion Proof

Max Flow: 140GPM

Max Pressure: 32PSI

– Call for Pricing/Pump Sizing –



Technical Specs:

- **Temperature Range:** 32°F - 212°F
- **Motor Speed:** 3500 RPM or 1750RPM
- Available in 2 Port Size/Connection Configurations – Multiple Impeller Trim Options to Meet Specific Duty Points

Materials:

- **Housing:** 316L Stainless Steel
- **Impeller:** CF8M 316 Stainless Steel
- **Back Plate and Stub Shaft:** 316L Stainless Steel
- **Seal Materials Available:**
 - Carbon, Silicon Carbide, Ceramic, and Tungsten Carbide
 - Nitrile Rubber, EPDM, Silicone, and FKM-Viton™
- **Finish:** 32Ra Sanitary Polish

BC/BP216

2 IN x 1-1/2IN TriClamp Connections

HP Range: 3 - 15HP

Standard Motor Specs: 1750 or 3500RPM / 60Hz

Voltage/Phase: 208-230/460 / 575V / 1PH or 3PH Options

Motor Enclosure Options: TEFC / TENV / Explosion Proof

Max Flow: 290GPM

Max Pressure: 71PSI

– Call for Pricing/Pump Sizing –



Technical Specs:

- **Temperature Range:** 32°F - 212°F
- **Motor Speed:** 3500 RPM or 1750RPM
- Available in 2 Port Size/Connection Configurations – Multiple Impeller Trim Options to Meet Specific Duty Points

Materials:

- **Housing:** 316L Stainless Steel
- **Impeller:** CF8M 316 Stainless Steel
- **Back Plate and Stub Shaft:** 316L Stainless Steel
- **Seal Materials Available:**
 - Carbon, Silicon Carbide, Ceramic, and Tungsten Carbide
 - Nitrile Rubber, EPDM, Silicone, and FKM-Viton™
- **Finish:** 32Ra Sanitary Polish

Part No.	Description	Impeller Diameter	Motor Information
DS BC216M115VCZB07	2" x 1.5" TriClamp Ports, FKM Seals/Orings	6.0"	3HP, 3PH, 208-230/460V, 1750RPM, White Washdown
DS PRK4-216V	BC 216 Repair Kit #4, FKM		

CALL
for
CURRENT
PRICING

Sanitary Centrifugal Pump Repair Kits

The **C-Series Repair Kits** from *Dixon* are intended to be used in their common sanitary centrifugal pumps. While these are Dixon-branded kits, they can be used to service other C-Series branded sanitary centrifugal pumps. Dixon Sanitary C-Series Repair Kits are usable for Ampco's AC series, Waukesha/SPX's C-series, and Toplines TF-C series pumps. The Dixon BC/BP Repair Kits listed to the right are the #4 Kit which is the most comprehensive repair kit offered – if less components are needed, please call for details. Available elastomers for each pump model are **Nitrile Rubber, EPDM, Silicone, and FKM**.



BC Kits Include: (1) casing gasket, (1) carbon mechanical seal, (1) seal cup, (1) seal O-ring, (1) spring, and (1) impeller retainer.

BP Kits Include: (1) casing gasket, (1) carbon mechanical seal, (1) seal cup, (1) seal O-ring, (1) spring, and (2) impeller O-rings.

Part No.	Pump Model	Elastomer Type
DS PRK4-114E	BC 114	EPDM
DS PRK4-114V	BC 114	FKM
DS PRK4-216E	BC 216	EPDM
DS PRK4-216V	BC 216	FKM
DS PRK4-114EP*	BP 114	EPDM
DS PRK4-114VP*	BP 114	FKM
DS PRK4-216EP	BP 216	EPDM
DS PRK4-216VP*	BP 216	FKM

*Non-Returnable Item