

BC/BP-Series Centrifugal Pump

dixonvalve.com Dixon Sanitary 800.789.1718





Materials

- Casing: 316L stainless steel
- Impeller: CF8M (316) stainless steel
- Back plate: 316L stainless steel
- Stub shaft: 316L stainless steel
- Adapter: 304 stainless steel
- Seal types: externally balanced 'D', 'DG' and 'F' with clamped in seat
- · Rotary seat material: carbon and silicon carbide
- DG seal seat material: silicon carbide, ceramic, and tungsten carbide
- · Elastomers: nitrile rubber, EPDM, silicone, and FKM
- Finish: sanitary polish 32 Ra

Specifications

- Nominal capacity: up to **1200 GPM**
- Temperature range: 32°F (0°C) to 212°F (100°C)
- Nominal speed: 3500 RPM (60 Hz)
- F-seal cascade flush option for D or DG seal
- 100% CIP-able

Options

- Motor: standard C-Face, 1750 and 3450 RPM, TENV/TEFC and washdown, foot mounted
- Additional motor types available upon request
- Mounting: pump head mounted to a C-Face motor
- Optional leg kit: 304 stainless steel



Features

- · Casing is stamped, not cast, for lighter weight and less porosity
- Hydraulically, dimensionally and parts interchangeability with other C-series pumps
- · Adapater/guard set updated for easier maintenance, enhanced work area, effortless guard removal, and installation
- Safer cage-less guard design
- BC-series features impeller retainer
- BP-series features threaded impeller nut
- · Pumps can be sold as a wet end only, complete motor pump unit and mounted on a cart

NOTE: Stock on all sizes and complete units can ship in 2-5 days ARO



Pump Curves















BC/BP-Series Centrifugal Pump

| Series | Port Size | Connections | Impeller Size |
|--------|--------------|-------------|---------------|
| BC114 | 1-1/2" or 2" | 1-1/2" | 4" |
| BC216 | 2" or 2-1/2" | 1-1/2" | 6" |
| BC218 | 2" or 3" | 1-1/2" | 8" |
| BC328 | 3" or 4" | 2" | 8" |
| BP441* | 4" or 6" | 4" | 10" |

* BP threaded nut and DG seal only





The Right Connection®





Dixon Sanitary

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