Mechanical Specifications

Standard Construction
- casing: 316L stainless steel
- impeller: CF8M (316) stainless steel
- back plate: 316L stainless steel
- stub shaft: 316L stainless steel
- adapter: 304 stainless steel
- optional leg loc: 304 stainless steel
- wear plate: externally balanced "D", "DG" and "F" with chained in seat
- rotary seal material: carbon and silicon carbide
- "DG" seal seat material: silicon carbide, ceramic and tungsten carbide
- elastomers: buna, EPDM, silicone and FKM
- finish: sanitary polish 32R

Performance Characteristics
- nominal capacity: up to 1200 GPM
- temperature: 32°F to 212°F (0°C to 100°C), consult Dixon Sanitary for other temperatures
- nominal speed: up to 3500 RPM - 60 Hz

Motors and Mounting
- motor: standard C-Face, 1750 and 3450 RPM, TEFC/TENV and washdown, foot mounted
- additional motor types available upon request
- mounting: pump head mounted to a C-Face motor

Dixon®, founded in 1916, is a premier manufacturer and supplier of hose couplings, valves, dry-disconnects, trolleys, and other fluid transfer and control products. The company’s global reach includes a wide range of products for numerous industries including petroleum exploration, refining, transportation, chemical processing, food & beverage, steel, fire protection, construction, mining and manufacturing. Dixon’s strategic objective is to create solutions that make products safer, leak-free, longer lasting, and always available.

Dixon Sanitary
BC/BP
Centrifugal Pump

Dixon Sanitary
800.789.1718

dixonvalve.com • Customer Service: 800.789.1718

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Pro12740M
We are ... quality, value and interchangeability

Features:
• casing is stamped, not cast, for lighter weight and less porosity
• F seal - cascade flush option for D or DG seal
• hydraulically, dimensionally and parts interchangeability with other C-series pumps
• adapter/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
• 100% CIP-able
• stock on all sizes and complete units can ship in 2-5 days ARO

Testing:
• all assembled pumps are hydrostatically tested
• certified performance curves are available

<table>
<thead>
<tr>
<th>Model</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Maximum Impeller</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC/14</td>
<td>1½&quot; or 2&quot;</td>
<td>1½&quot;</td>
<td>6&quot;</td>
</tr>
<tr>
<td>BC216</td>
<td>2&quot; or 2½&quot;</td>
<td>1½&quot;</td>
<td>6&quot;</td>
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<tr>
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<td>2&quot; or 3&quot;</td>
<td>1½&quot;</td>
<td>6&quot;</td>
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<td>BC328</td>
<td>3&quot; or 4&quot;</td>
<td>2&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>BP441*</td>
<td>4&quot; or 6&quot;</td>
<td>4&quot;</td>
<td>10&quot;</td>
</tr>
</tbody>
</table>

*BP-threaded nut and DG seal only