High Performance Hydraulic Motor Driven Centrifugal Pump

FMC-150-HYD-206

- Suction 1-1/2” NPT x Discharge 1-1/4” NPT
- Recommended for use on the following Hydraulic Systems:
  - Pressure Compensating Closed Center
  - Load Sensing or Pressure Flow Compensating Closed Center
  - Open Center up to 16 GPM (60 LPM)
- Integral Needle Valve bypasses up to 9 GPM (34 LPM) on Open Center Systems
- Standard Viton® Carbon/Ceramic seal or Optional Severe Duty Silicon Carbide Mechanical Seal
- Chemical Resistant Valox® or Optional Cast Iron or Polypropylene Impeller
- Stainless Steel Shaft and Wear Ring

PERFORMANCE CHART

<table>
<thead>
<tr>
<th>Oil Flow</th>
<th>GPM</th>
<th>LPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0</td>
<td>23.5</td>
<td>21.28</td>
</tr>
<tr>
<td>5.8</td>
<td>21.2</td>
<td>18.72</td>
</tr>
<tr>
<td>5.6</td>
<td>19.7</td>
<td>17.88</td>
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</tbody>
</table>

Maximum Shutoff Pressure 120 psi (8.3 bar)

DIMENSIONS

<table>
<thead>
<tr>
<th>Inches</th>
<th>10.5</th>
<th>8.75</th>
<th>8.38</th>
<th>8.25</th>
<th>5.5</th>
<th>5.25</th>
<th>4.25</th>
<th>3.13</th>
<th>1.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>266.7</td>
<td>222.3</td>
<td>212.9</td>
<td>209.6</td>
<td>139.7</td>
<td>133.4</td>
<td>108.0</td>
<td>79.5</td>
<td>38.1</td>
</tr>
</tbody>
</table>
## REF. # | PART NUMBER | EDP # | DESCRIPTION | REQ.
---|---|---|---|---
1 | BAC-53 | 41110 | Pipe plug | 4
2 | BAC-12-150 | 40255 | Volute, 1-1/2" x 1-1/4" | 1
3 | BAC-23-A | 40391 | Nut, 3/8" NF, cad plated | 1
3 | BAC-23-B-SS | 40393 | Nut, 3/8" NF, stainless steel (standard on -SS models) | 1
4 | BAC-24-HYD-SS | 40400 | Washer, 3/8" star, stainless steel | 1
4 | BAC-24-B-SS | 42702 | Washer, 3/8", stainless steel, vibration proof (standard on -SS models) | 1
5 | BAC-26-150-P | 40446 | Impeller, Valox, keyway | 1
5 | BAC-26-150-CI | 40445 | Impeller, cast iron, keyway (optional) | 1
6 | BAC-7V | 40151 | Seal, carbon/ceramic/Viton (includes 40160 O-ring) | 1
6 | BAC-7-SC | 40152 | Seal, silicon carbide/Viton (includes 40160 O-ring) (optional) | 1
6a | 40160 | 40160 | O-ring, shaft seal | 1
7 | BAC-4-150 | 40015 | O-ring, body seal | 1
8 | BAC-14-150-HYD | 40305 | Mounting frame (for 200 Series hydraulic motor) | 1
9 | 40950 | 40950 | Cap screw, 3/8" NC x 3/4" hex head | 4
9 | 40930 | 40930 | Cap screw, 3/8" NC x 3/4" hex head, stainless steel (optional) | 4
10 | BAC-54 | 41130 | Slinger | 1
11 | BAC-33 | 40810 | Snap ring, internal, BAC-14 mounting frame | 2
12 | BAC-37 | 40870 | Ball Bearing, sealed, BAC-6 shaft | 2
13 | BAC-32 | 40790 | Snap ring, external, BAC-6 shaft | 2
14 | BAC-32-S | 40795 | Spacer for BAC-6 shaft | 1
15 | BACH-25 | 40420 | Key, 1/8" x 1/8" x 1/2" | 1
16 | BAC-6-HYD-SS | 40061 | Shaft, 5/8" diameter, keyway and tang slot, stainless steel | 1
17 | BAC-75-HYD-206 | 41372 | Hydraulic motor, 7 GPM (includes parts 18 - 25) | 1
18 | S200 | 40161 | Seal support spacer for 200 Series HYD motor | 1
19 | BAC-75-HYD-206N | 41397 | Hydraulic motor, 7 GPM (motor only - no external fittings) | 1
20 | 41255 | 41255 | Cap screw, 5/16" N. C. x 3-3/4" socket head (for 206N motor) | 4
21 | 41875 | 41875 | O-ring, #8 SAE fitting | 2
22 | BAC-78-8SAE | 41441 | Reverse check valve, #8 SAE male x 1/2" NPT female | 1
23 | BAC-80-8SAE | 41455 | Adapter, restrictor body, #8 SAE male x 1/2" NPT female | 1
24 | 41448 | 41448 | O-ring, orifice insert | 1
25 | BAC-79-7 | 41456 | Orifice, restrictor insert, .109 (206N) | 1
26 | LS-206N | 41418 | Flow limiting valve (206N), #8 SAE male x 1/2" NPT female | 1
1 RK-FMC-150 | 52710 | Repair kit for FMC-150 series pump | -
2 RK-FMSC-150 | 52711 | Repair kit for FMC-150 series with silicon carbide shaft seal | -
# RK-BAC-75-HYD-L | 41374 | Repair kit for 200-L Series motor | -