SALES & ENGINEERING DATA

PH10A-XSS-XXT
1” HIGH PRESSURE METALLIC DIAPHRAGM PUMP

DIMENSIONAL DATA

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>16-1/16” (407 mm)</td>
</tr>
<tr>
<td>B</td>
<td>12-9/16” (319 mm)</td>
</tr>
<tr>
<td>C</td>
<td>11-5/8” (295 mm)</td>
</tr>
<tr>
<td>D</td>
<td>2” (50 mm)</td>
</tr>
<tr>
<td>E</td>
<td>8-3/16” (208 mm)</td>
</tr>
<tr>
<td>F</td>
<td>8” (203 mm)</td>
</tr>
<tr>
<td>G</td>
<td>13-5/8” (346 mm)</td>
</tr>
<tr>
<td>H</td>
<td>6-9/16” (166 mm)</td>
</tr>
<tr>
<td>J</td>
<td>7-9/16” (191 mm)</td>
</tr>
<tr>
<td>K</td>
<td>13/32” (10 mm)</td>
</tr>
<tr>
<td>L</td>
<td>see below</td>
</tr>
</tbody>
</table>

PH10A-ASS-XXT
1 - 11/2 N.P.T.F. - 1

PH10A-BSS-XXT
Rp1 (1 - 11 BSP parallel)

SPECIFICATIONS

CONSTRUCTION

Model Series: PH10A-XSS-XXT
Pump Type: Metallic, Air Operated, High Pressure, Double Diaphragm
Ratio: 3:1
Material Inlet / Outlet (female)
- models PH10A-BSS-XXT: Rp1 (1 - 11 BSP parallel)
Air Inlet: 3/8 - 18 N.P.T.F. - 1
Air Exhaust: 3/8 - 18 N.P.T.F. - 1
Weight: 94.73 lbs (42.97 kgs)
Air Section Service Kit: 637338
Fluid Section Service Kit
- models PH10A-XSS-XST: 637339-1
- models PH10A-XSS-XST: 637339

PERFORMANCE

Air Inlet Pressure Range: 20 - 100 p.s.i. (1.4 - 6.9 bar)
Fluid Pressure Range: 60 - 300 p.s.i. (4.1 - 20.7 bar)
Maximum Flow Rate (flooded inlet): 26 g.p.m. (98.4 l.p.m.)
Maximum Particle Size: 1/8” dia. (3.2 mm)
Maximum Temperature Limits (diaphragm / ball / seal material)
- Nitrile: 10°C to 180°C (-12°C to 82°C)
- PTFE: 40°C to 225°C (4°C to 107°C)

Displacement / Cycle @ 100 p.s.i.: 0.06 gal. (0.23 lit.)
Noise Level @ 70 p.s.i. - 60 c.p.m.: 84.5 dB(A)

Notes:
- Tested with 93110 muffler installed.
- The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L_{Aeq}) to meet the intent of ANSI S1.13-1971, CAGI-PNEUROP S5.1 using four microphone locations.

ACCESSORIES:
67142 Wall Mount Bracket
PH10A-XSS-XXT 1” HIGH PRESSURE METALLIC DIAPHRAGM PUMP

Performance based on water at ambient temperature.