Petroleum Pumps:

- Bio-diesel
- Fuel Oil
- Kerosene
- Aviation Gasoline
- Diesel
- Jet A / JP-8
- Gasoline
- Ethanol
- E85

www.mppumps.com
The "PG" model is available in Pedestal mount for flexible coupling or Close Coupled mount to C Face Class I Group D Explosion Proof electric motors. Ductile Iron is the standard construction for the volute and adapter. The open impeller is standard in cast iron construction with aluminum as an optional material. Standard material for the wear plate is aluminum. The standard self-lubricated Type 2 mechanical seal is equipped with a carbon rotating face, viton elastomer and stainless steel spring. The stationary face is silicon carbide.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SIZE</th>
<th>MOUNTING</th>
<th>VOLUTE</th>
<th>IMPELLER</th>
<th>WEAR PLATE</th>
<th>GASKET</th>
<th>SEAL</th>
<th>VOLUTE</th>
<th>IMPELLER</th>
<th>WEAR PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG 8</td>
<td>2&quot; X 2&quot;</td>
<td>Explosion Proof</td>
<td>Ductile Iron</td>
<td>Cast Iron</td>
<td>Aluminum</td>
<td>Cork/Nitrile</td>
<td>Type 2 Viton/Carbon/ Sil.Car./SS</td>
<td>Aluminum</td>
<td>Consult</td>
<td></td>
</tr>
<tr>
<td>PG 8</td>
<td>2&quot; X 2&quot;</td>
<td>Pedestal</td>
<td>Ductile Iron</td>
<td>Cast Iron</td>
<td>Aluminum</td>
<td>Cork/Nitrile</td>
<td>Type 2 Viton/Carbon/ Sil.Car./SS</td>
<td>Aluminum</td>
<td>Consult</td>
<td></td>
</tr>
<tr>
<td>PG 10</td>
<td>2&quot; X 2&quot;</td>
<td>Explosion Proof</td>
<td>Ductile Iron</td>
<td>Cast Iron</td>
<td>Aluminum</td>
<td>Cork/Nitrile</td>
<td>Type 2 Viton/Carbon/ Sil.Car./SS</td>
<td>Aluminum</td>
<td>Consult</td>
<td></td>
</tr>
<tr>
<td>PG 15</td>
<td>3&quot; X 3&quot;</td>
<td>Explosion Proof</td>
<td>Ductile Iron</td>
<td>Cast Iron</td>
<td>Aluminum</td>
<td>Cork/Nitrile</td>
<td>Type 2 Viton/Carbon/ Sil.Car./SS</td>
<td>Aluminum</td>
<td>Consult</td>
<td></td>
</tr>
<tr>
<td>PG 15</td>
<td>3&quot; X 3&quot;</td>
<td>Pedestal</td>
<td>Ductile Iron</td>
<td>Cast Iron</td>
<td>Aluminum</td>
<td>Cork/Nitrile</td>
<td>Type 2 Viton/Carbon/ Sil.Car./SS</td>
<td>Aluminum</td>
<td>Consult</td>
<td></td>
</tr>
<tr>
<td>PG 30</td>
<td>3&quot; X 3&quot;</td>
<td>Pedestal</td>
<td>Ductile Iron</td>
<td>Cast Iron</td>
<td>Aluminum</td>
<td>Cork/Nitrile</td>
<td>Type 2 Viton/Carbon/ Sil.Car./SS</td>
<td>Aluminum</td>
<td>Consult</td>
<td></td>
</tr>
<tr>
<td>PG 40</td>
<td>4&quot; X 4&quot;</td>
<td>Pedestal</td>
<td>Ductile Iron</td>
<td>Cast Iron</td>
<td>Aluminum</td>
<td>Cork/Nitrile</td>
<td>Type 2 Viton/Carbon/ Sil.Car./SS</td>
<td>Aluminum</td>
<td>Consult</td>
<td></td>
</tr>
</tbody>
</table>
Model PO Pumps Compatible For BioDiesel, Fuel Oil & Diesel

The “PO” model mounting offerings for fuel oil and diesel fuel applications include both Pedestal mount for flexible coupling and Close Coupled mount to C Face, TEFC electric motors. Cast Iron is the standard construction for the volute, adapter and open impeller. Standard material for the wear plate is steel. The volute is also available in ductile iron. The standard self-lubricated Type 21 mechanical seal is equipped with a carbon rotating face, viton elastomer and stainless steel spring. The stationary face is Ni-Resist.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SIZE</th>
<th>MOUNTING</th>
<th>VOLUTE</th>
<th>IMPELLER</th>
<th>WEAR PLATE</th>
<th>GASKET</th>
<th>SEAL</th>
<th>VOLUME</th>
<th>IMPELLER</th>
<th>WEAR PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 8</td>
<td>2” X 2”</td>
<td>TEFC</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Steel</td>
<td>Cork/Nitrile</td>
<td>Type 21 Viton/Carbon/NiResist/SS</td>
<td>Cast Iron</td>
<td>Cork/Nitrile</td>
<td>Ductile Iron</td>
</tr>
<tr>
<td>PO 8</td>
<td>2” X 2”</td>
<td>Pedestal</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Steel</td>
<td>Cork/Nitrile</td>
<td>Type 21 Viton/Carbon/NiResist/SS</td>
<td>Cast Iron</td>
<td>Cork/Nitrile</td>
<td>Ductile Iron</td>
</tr>
<tr>
<td>PO 10</td>
<td>2” X 2”</td>
<td>TEFC</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Steel</td>
<td>Cork/Nitrile</td>
<td>Type 21 Viton/Carbon/NiResist/SS</td>
<td>Cast Iron</td>
<td>Cork/Nitrile</td>
<td>Ductile Iron</td>
</tr>
<tr>
<td>PO 15</td>
<td>3” X 3”</td>
<td>TEFC</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Steel</td>
<td>Cork/Nitrile</td>
<td>Type 21 Viton/Carbon/NiResist/SS</td>
<td>Cast Iron</td>
<td>Cork/Nitrile</td>
<td>Ductile Iron</td>
</tr>
<tr>
<td>PO 15</td>
<td>3” X 3”</td>
<td>Pedestal</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Steel</td>
<td>Cork/Nitrile</td>
<td>Type 21 Viton/Carbon/NiResist/SS</td>
<td>Cast Iron</td>
<td>Cork/Nitrile</td>
<td>Ductile Iron</td>
</tr>
<tr>
<td>PO 30</td>
<td>3” X 3”</td>
<td>Pedestal</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Steel</td>
<td>Cork/Nitrile</td>
<td>Type 21 Viton/Carbon/NiResist/SS</td>
<td>Cast Iron</td>
<td>Cork/Nitrile</td>
<td>Ductile Iron</td>
</tr>
<tr>
<td>PO 40</td>
<td>4” X 4”</td>
<td>Pedestal</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Steel</td>
<td>Cork/Nitrile</td>
<td>Type 21 Viton/Carbon/NiResist/SS</td>
<td>Cast Iron</td>
<td>Cork/Nitrile</td>
<td>Ductile Iron</td>
</tr>
</tbody>
</table>
Model PE Pumps Compatible For Ethanol & E 85

The "PE" model is available in Pedestal mount for flexible coupling or Close Coupled mount to C Face Class I Group D Explosion Proof electric motors. Ductile Iron is the standard construction for the volute and adapter. The open impeller is standard in cast iron construction with 316 SS as an optional material. Standard material for the wear plate is steel. The standard self-lubricated Type 2 mechanical seal is equipped with a carbon rotating face, viton elastomer and stainless steel spring. The stationary face is silicon carbide.
MP Pumps has specifically reengineered its popular Flomax® Self-Priming Series for compatibility with clean, non-abrasive petroleum products.

Transfer and delivery of various fuels such as gasoline, ethanol, biodiesel, and fuel oils are just a few of the petroleum based products the Flomax® Series is suitable for handling.

Long recognized as the leader in self-priming applications, the Flomax® Series addresses today’s fuel market by offering:

- Five (5) performance models.
- Various drive options.
- Specific mechanical seal offerings.
- Materials of construction compatible for three (3) distinct fuel classifications.

By classifying various fuels into three (3) distinct segments, MP Pumps can recommend that its design is capable of handling the specific fuel groups without incurring the additional cost associated with “one pump for all fuels”.

**GASKET, FLANGE MATERIAL**
- CORK/NITRILE

**PERFORMANCE SIZES**
- FIVE (5) AVAILABLE

**VOLUTE MATERIALS**
- CAST IRON
- DUCTILE IRON

**WEAR PLATE MATERIALS**
- STEEL
- ALUMINUM

**IMPELLER MATERIALS**
- CAST IRON
- ALUMINUM
- 316 SS

**MECHANICAL SEAL MATERIALS**
- TYPE 21 VITON/CARBON/NIREsist/SS
- TYPE 2 VITON/CARBON/SILICON CARBIDE/SS

**ADAPTER MATERIALS**
- CAST IRON
- DUCTILE IRON

**MOUNTING OPTIONS**
- PEDESTAL (SHOWN)
- CLOSE CPLD. ELECTRIC MOTORS
  - TEFC
  - EXPLOSION PROOF CLASS I GROUP D
CONSULT FACTORY FOR PERFORMANCE VARIATIONS.

MODEL 8, 15, 30, 40
SPEC. GRAVITY .8
IMP. DIA. FULL
SPEED 3450 RPM

CUBIC METERS PER HOUR

GALLONS PER MINUTE

TOTAL HEAD - FEET

TOTAL HEAD - METERS

SPEC. GRAVITY .8

IMP. DIA. FULL

SPEED 1750 RPM

HORSEPOWER

NPSHR

FT

CONSULT FACTORY FOR PERFORMANCE VARIATIONS.