Now available with a more compact JM shaft extension.

The GH horizontal end-suction pump offers an enclosed-impeller design with a close-coupled configuration. All wetted surfaces are available in all-iron or 316 SS fitted construction.

This model is available in many sizes, for flow rates to 2,500 GPM, heads up to 400 feet and speeds up to 3,550 RPM. It is designed for use with standard NEMA JM shaft motors in applications including industrial, commercial, municipal and infrastructure.

Our pumps are manufactured with the highest standards of quality. Strict controls throughout the manufacturing process, along with high hydraulic efficiency, ensure reliable operating performance and low lifetime cost.

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**STANDARD MATERIALS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing</td>
<td>Cast Iron</td>
</tr>
<tr>
<td>Impeller</td>
<td>Cast Iron or 316 SS</td>
</tr>
<tr>
<td>Shaft Sleeve</td>
<td>316 SS</td>
</tr>
<tr>
<td>Shaft</td>
<td>Carbon Steel</td>
</tr>
<tr>
<td>Bearing Frame</td>
<td>Cast Iron</td>
</tr>
</tbody>
</table>

**MECHANICAL DATA**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation</td>
<td>Clockwise from Motor End</td>
</tr>
<tr>
<td>Input Power</td>
<td>Up to 150 HP</td>
</tr>
<tr>
<td>Temperatures</td>
<td>Up to 250° F</td>
</tr>
<tr>
<td>Connection</td>
<td>NPT or ANSI Flat-Face Flanges</td>
</tr>
</tbody>
</table>
1. **FLANGES**
   ANSI flat-face cast iron or 316 SS flanges for all sizes greater than or equal to 2” discharge

2. **IMPELLER**
   High-efficiency design in cast iron or 316 SS fitted

3. **CASING DRAIN**
   Heavy-walled casing with vent and drains for easier maintenance

4. **MECHANICAL SEAL**
   Seal chamber accommodates component seals, with Plan 11 flush available

5. **BACK PULL-OUT**
   Allows removal of rotating elements and replacement of the shaft, impeller or mechanical seal without disturbing system piping

6. **MOTOR**
   Standard NEMA motor sizes can be fitted with no modifications

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**HYDRAULICS**

- Flows to 2500 US GPM (570 m³/hr)
- Heads to 400 feet (125m)
- Efficiencies to 83%
- Power to 150 HP (110 KW)
- Speeds up to 3,550 RPM
- Solids to 1.250” (32mm)

**APPLICATIONS**

- Commercial
- Industrial
- Municipal and Infrastructure
- Aquatics

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