### 1 Stage Pump

**Performance Curves**

<table>
<thead>
<tr>
<th>RPM</th>
<th>100</th>
<th>300</th>
<th>500</th>
<th>700</th>
<th>900</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPSH REQ'D</td>
<td>.6</td>
<td>1.7</td>
<td>2.9</td>
<td>4.1</td>
<td>6.9</td>
</tr>
<tr>
<td>MIN. HP</td>
<td>1/3</td>
<td>3/4</td>
<td>1</td>
<td>1-1/2</td>
<td>2</td>
</tr>
</tbody>
</table>

![Graph showing performance curves for 1 Stage Pump](chart.png)

**Data Based on water @70°F**

- **70 Durometer**
- **55 Durometer**

**RPM**
- 100 RPM
- 300 RPM
- 500 RPM
- 700 RPM
- 900 RPM

**Capacity (GPM)**
- 0 to 60

**Differential Pressure (PSI)**
- 0 to 80

**Horsepower**
- 0 to 3.0

**Note:**
- Performance curves for 70 and 55 Durometer grades.
- The graph shows capacity (GPM) vs. differential pressure (PSI) for different RPM settings.