The M-I SWACO® 518 centrifuge is the premier high-speed, decanting centrifuge for drilling-mud and fluids-handling applications.

Ruggedly built for oilfield and industrial service, it is especially effective in environmentally sensitive areas. It delivers high fluid-recovery rates and efficient solids control to significantly reduce the costs of makeup fluids and disposal. The M-I SWACO 518 centrifuge is precision-balanced for smooth operation over long periods at speeds of 1,900 to 3,250 RPM, generating centrifugal forces up to 2,100 G's.

**Features**

- **Innovative design** includes longer bowl for increased retention time, resulting in drier solids and finer cut points.
- **Tungsten carbide scroll points** with wide spacing flights at tapered end create a finer layer of conveyed solids for consistent, uniform separation and maximum solids-control efficiency.
- **Stainless steel bowl, scroll, compartment and cover** resist corrosion and provide long service life.
- **Precision balanced to run at high RPMs** for extended periods with greater efficiency, minimizing maintenance and downtime.
- **Skid mounted** minimizes space requirements.

**Benefits**

- Effectively removes the finest silts and returns valuable fluids for reuse.
- Reduces makeup fluids, dilution, cleanup and disposal costs.
- Ideal for any solids-control application; especially valuable in environmentally sensitive areas.
- Rugged construction and corrosion-resistant materials provide long service life and low maintenance costs in the toughest oilfield environments.
- Works efficiently with other M-I SWACO equipment to maximize solids control.

**Specifications**

<table>
<thead>
<tr>
<th>Bowl Size in. (mm)</th>
<th>Length in. (mm)</th>
<th>Width in. (mm)</th>
<th>Height in. (mm)</th>
<th>Weight lb (kg)</th>
<th>hp</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 x 56</td>
<td>119</td>
<td>70</td>
<td>34.1</td>
<td>4,800</td>
<td></td>
</tr>
<tr>
<td>356 x 1,422</td>
<td>3,022.6</td>
<td>1,778</td>
<td>866.1</td>
<td>1,832</td>
<td>25/7.5</td>
</tr>
</tbody>
</table>

- **Skid mounted, low profile** minimizes space requirements.
Engineering Drawing: 518 CENTRIFUGE

All dimensions are expressed in inches (millimeters).