# DECANTER CENTRIFUGE

## LYNX 400P

### GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Application</th>
<th>General Oilfield Drilling Fluids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process Liquid</td>
<td>0°C to 70°C</td>
</tr>
<tr>
<td>Centrifugal G-force</td>
<td>3550G @ 3800RPM</td>
</tr>
<tr>
<td>Weight</td>
<td>3200kg</td>
</tr>
<tr>
<td>Setup</td>
<td>Fully Hydraulic Stand Supplied</td>
</tr>
</tbody>
</table>

### BOWL ASSEMBLY

<table>
<thead>
<tr>
<th>Bowl Diameter</th>
<th>440mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowl Length</td>
<td>1760mm</td>
</tr>
<tr>
<td>Bowl Material</td>
<td>Duplex Stainless Steel</td>
</tr>
<tr>
<td>Conveyor Material</td>
<td>AL 111 2349 (Stainless Steel)</td>
</tr>
<tr>
<td>Solids Discharge Wear Protection</td>
<td>Tungsten Carbide Protection</td>
</tr>
</tbody>
</table>

### PROCESS

<table>
<thead>
<tr>
<th>Hydraulic Capacity</th>
<th>120 m³/hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weighted Capacity</td>
<td>1.6 m³/min</td>
</tr>
<tr>
<td>Solids Removal Capacity</td>
<td>12.5 tonnes/hr</td>
</tr>
<tr>
<td>Solids Removal Efficiency @ 5μm</td>
<td>90%</td>
</tr>
</tbody>
</table>

### DRIVES

<table>
<thead>
<tr>
<th>Main Motor Data</th>
<th>50 hp, 460V 3φ 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back Drive Motor Data</td>
<td>30 hp, 460V 3φ 60Hz</td>
</tr>
<tr>
<td>Gearbox Type</td>
<td>Direct Drive-2 Stage Planetary</td>
</tr>
<tr>
<td>Gearbox Data</td>
<td>1:52 3.5kN</td>
</tr>
<tr>
<td>Pump Flow Rate</td>
<td>4&quot; Gorman Rupp (90m³/hr @ 1800 rpm) VFD</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>1-480Vac 100Amp 3W4P</td>
</tr>
</tbody>
</table>