Model 100LX Specifications and Dimensions

STANDARD FEATURES:

- 1 HP, 115/230 volt, 50/60 Hz, single phase, explosion proof motor (see below for starters and controls).
- Unit operates at 4850 rpm.
- Mixing head is raised and lowered by a hand crank mechanism.
- Type 316 stainless steel wetted parts.
- Sturdy frame for bench mounting.
- All non-stainless steel external surfaces coated with a white two part epoxy paint.
- Easy to completely disassemble and clean with simple hand tools.

AVAILABLE MIXING ATTACHMENTS*:

- **LX Attachment**: High Shear Rotor/Stator attachment, complete with disintegrating, slotted, and fine screen stator heads. Attachment is equipped with a glass filled Teflon bushing.
- **ILX Attachment**: Inline attachment complete with disintegrating, slotted, and fine screen stator heads.
- **DLX Attachment**: High speed disperser attachment.

AVAILABLE OPTIONS:

- Down-thrust propeller for standard Rotor/Stator attachment.
- Bronze or solid Teflon bushings or Stellite bushing and shaft (for abrasive applications) for standard Rotor/Stator attachment.
- Vessel/Beaker clamp attachment.
- 1 HP 230/460 volt, three phase, explosion proof motor (can be used with optional inverter for variable speed operation).
- 2 HP 230/460 volt, three phase, explosion proof motor (can be used with optional inverter for variable speed operation).
- Controls such as inverters, motor starters, or explosion proof operators stations are available (voltage, frequency and type of enclosure must be specified).

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>RPM</th>
<th>D (O.A. Height)</th>
<th>E (O.A. Width)</th>
<th>F (O.A. Length)</th>
<th>G (LX attachment)</th>
<th>G (ILX attachment)</th>
<th>G (DLX attachment)</th>
<th>H (Distance between feet)</th>
<th>Capacity (water)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>100LX</td>
<td>1</td>
<td>4850</td>
<td>40 1/2</td>
<td>1029</td>
<td>130</td>
<td>58</td>
<td>21</td>
<td>533</td>
<td>19 15/16</td>
<td>490.5</td>
<td>10 7/8</td>
</tr>
</tbody>
</table>

* See back of this sheet for dimensions of attachments.

HSM LX SS-00

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# Model 100LX Attachments

## LX Attachment
*(standard rotor/stator)*

<table>
<thead>
<tr>
<th>Attachment</th>
<th>A Rotor Diameter</th>
<th>B Lower Flange</th>
<th>C Shaft Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inches</td>
<td>mm</td>
<td>inches</td>
</tr>
<tr>
<td>LX</td>
<td>2</td>
<td>50.8</td>
<td>3 1/8</td>
</tr>
<tr>
<td>ILX</td>
<td>2</td>
<td>50.8</td>
<td>N/A</td>
</tr>
<tr>
<td>DLX</td>
<td>3*</td>
<td>76.2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* A 3" dia. disperser blade is supplied with this attachment. Consult factory for information on other available sizes.

## ILX Attachment
*(inline)*

## DLX Attachment
*(high speed disperser)*

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