# 400 Series SLIM Specifications and Dimensions

## Standard Features:
- Explosion proof motor designed for 230/460 volt, 3 phase, 50/60 Hz
- Slotted single stage rotor/stator with special SLIM induction rotor
- Double mechanical seal with Viton elastomers and barrier system
- Stainless Steel type 316 wetted parts with 150 grit polish
- Stainless Steel type 304 cart with caster wheels for easy movement of mixer except for 450SC which is on leveling pads and fork lift tubes for movement
- All non-Stainless Steel external surfaces coated with a white two-part epoxy paint

## Available Options:
- Hose & Wand available in addition to or in lieu of funnel
- Special elastomers including Kalrez
- Various inlet, outlet and SLIM connections in lieu of Tri-Clover such as ANSI flange
- Large inlet connection, 3” in lieu of 2”
- Harder materials for the rotor such as Stainless Steel type 440C or Stellite tipped rotor
- Special motors including Stainless Steel, wash-down and various voltages and frequencies
- Controls including variable frequency drives, explosion proof operator stations and Human Machine Interfaces

### Table: Model HP Specifications and Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Rotor Connection Size</th>
<th>Overall Dimensions</th>
<th>Distance From Ground</th>
<th>Weight</th>
<th>Flow Rate (Water)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Length (A)</td>
<td>Width (B)</td>
<td>Height (C)</td>
<td>Inlet (D)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RPM, Diameter, Inlet, SLIM, Outlet</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>401SC-15</td>
<td>15</td>
<td>3,600</td>
<td>2.5” 1.5” 1” 1.5”</td>
<td>44.2” 25.5” 36.9” 11.9” 22.1” 9.7”</td>
<td>750 lbs</td>
<td>90 gpm</td>
</tr>
<tr>
<td>405SC-25</td>
<td>25</td>
<td>3,600</td>
<td>3.5” 2” 1.5” 2”</td>
<td>50.2” 27” 45” 13.4” 23.5” 11.4”</td>
<td>900 lbs</td>
<td>330 gpm</td>
</tr>
<tr>
<td>430SC</td>
<td>30</td>
<td>1,800</td>
<td>7” 3” 2.5” 3”</td>
<td>53.5” 30.7” 45” 13.5” 29.3” 8.2”</td>
<td>1,200 lbs</td>
<td>800 gpm</td>
</tr>
<tr>
<td>450SC</td>
<td>50</td>
<td>1,200</td>
<td>10.5” 4” 3” 4”</td>
<td>58” 31” 35” 13.5” 34.1” 6”</td>
<td>2,100 lbs</td>
<td>1,600 gpm</td>
</tr>
</tbody>
</table>

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