Double Planetary Mixer (DPM 1/2Pt-5) Specifications and Dimensions

STANDARD FEATURES:
- Full vacuum change can design
- 1/2Pt, 1Pt and 1Qt models: air/oil hydraulic lift raises and lowers the mix can to and from the mixing position.
- 1 to 5 gallon models: air/oil hydraulic lift lowers and raises the agitators to and from the mixing position.
- Integrated base design for mounting on table top or work bench
- Rectangular stirrers or High Viscosity “HV” blades
- Agitator drive components and lift system are fully sheathed
- Stainless steel type 304 wetted parts with 80 grit polish
- Non-stainless steel components are finished with a durable two-part epoxy coating
- TEFC 230/460 volt, 3 phase, 60 Hz motor
- Stainless steel gearbox with Viton sealing o-rings and lip seals on stirrer shafts
- Safety limit switch to prevent operation of the mixer when the mix vessel or agitators are not in the mixing position

AVAILABLE OPTIONS:
- Wetted parts can be stainless steel type 316, Hastelloy or other special alloys
- Sanitary design with special seals, polishes, connections and stainless steel sheathing
- Finger type blades, augers, flight bars and other custom agitators
- Sidewall scraper arm and bottom scraper with replaceable Teflon blade
- Internal pressure design
- Sight/charge ports, inlet/outlet nozzles and tank light
- Flush tank discharge valves
- Temperature probes, pressure transducers and other sensors
- Jacketed mix vessel for heating and/or cooling
- Internally-machined mix vessel for use with Ross Discharge System and scraper(s)
- Carbon steel or stainless steel mixer bench for mounting the mixer. Common bench design also offered for mounting both mixer and Discharge System
- Controls including variable frequency drives, explosion-proof operator stations and PLC recipe controls
- Vacuum pump, heater, chiller and other auxiliary equipment

<table>
<thead>
<tr>
<th>Model</th>
<th>Mixing Capacity</th>
<th>HP</th>
<th>Orbital RPM</th>
<th>Stirrer RPM</th>
<th>Raised Overall Height</th>
<th>Lowered Overall Height</th>
<th>Overall Width</th>
<th>Overall Length</th>
<th>Mix Vessel Overall Height</th>
<th>Mix Vessel Inside Diameter</th>
<th>Mix Vessel Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPM-1/2Pt</td>
<td>0.03 - 0.06</td>
<td>1/2</td>
<td>9 - 88</td>
<td>9 - 88</td>
<td>23</td>
<td>20</td>
<td>12</td>
<td>16</td>
<td>3</td>
<td>3.5</td>
<td>2.5</td>
<td>165</td>
</tr>
<tr>
<td>DPM-1Pt</td>
<td>0.06 - 0.13</td>
<td>1/2</td>
<td>7 - 72</td>
<td>8 - 78</td>
<td>23</td>
<td>20</td>
<td>12</td>
<td>20</td>
<td>4.25</td>
<td>5.75</td>
<td>3.25</td>
<td>190</td>
</tr>
<tr>
<td>DPM-1Qt</td>
<td>0.06 - 0.25</td>
<td>1/2</td>
<td>9 - 88</td>
<td>10 - 100</td>
<td>15.75</td>
<td>25.25</td>
<td>13.5</td>
<td>21.38</td>
<td>5</td>
<td>5.88</td>
<td>4</td>
<td>200</td>
</tr>
<tr>
<td>DPM-1</td>
<td>0.13 - 0.88</td>
<td>1.5</td>
<td>5 - 100</td>
<td>9 - 180</td>
<td>31.25</td>
<td>24.25</td>
<td>23</td>
<td>33.25</td>
<td>6.5</td>
<td>8.25</td>
<td>5</td>
<td>390</td>
</tr>
<tr>
<td>DPM-2</td>
<td>0.25 - 1.5</td>
<td>1.5</td>
<td>5 - 97</td>
<td>6 - 122</td>
<td>32.25</td>
<td>24.88</td>
<td>23</td>
<td>35.25</td>
<td>8</td>
<td>9.63</td>
<td>6.5</td>
<td>450</td>
</tr>
<tr>
<td>DPM-4</td>
<td>0.25 - 4</td>
<td>2</td>
<td>4 - 69</td>
<td>4 - 80</td>
<td>41.25</td>
<td>32.25</td>
<td>23</td>
<td>43.25</td>
<td>9.63</td>
<td>14</td>
<td>8</td>
<td>520</td>
</tr>
<tr>
<td>DPM-5</td>
<td>1.5 - 5</td>
<td>2</td>
<td>4 - 69</td>
<td>4 - 80</td>
<td>43.25</td>
<td>34.25</td>
<td>25</td>
<td>45.25</td>
<td>11.63</td>
<td>16</td>
<td>10</td>
<td>580</td>
</tr>
</tbody>
</table>