### Hyteresis Clutch HCF-120M

**Dimensions**

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Coils Per</th>
<th>Resistance</th>
<th>Nominal Power</th>
<th>Maximum Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (90 Vdc)</td>
<td>-</td>
<td>.85</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2 (24 Vdc)</td>
<td>85</td>
<td>200</td>
<td>24</td>
<td>4.8</td>
</tr>
<tr>
<td>3 (12 Vdc)</td>
<td>.85</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Kinetic Power Ratings**

<table>
<thead>
<tr>
<th>5 Minute</th>
<th>Continuous</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>75</td>
</tr>
</tbody>
</table>

**Input Shaft De-Energized Drag Torque**

- @ 1000 RPM: 9.49 mNm

**Output Shaft De-Energized Drag Torque**

- @ 1000 RPM: .910 mNm

**Dimensions**

- Outer Diameter: 50.0 mm (±0.08 mm TIR)
- Inner Diameter: 32.0 mm (±0.08 mm)
- Height: 30.0 mm (±0.25 mm)

**Finishes**

- Surface Finish: 3.2 µm MAX

**Notes**

- All burrs and sharp edges removed.
- Inside corners to be 0.5 mm max.
- Tolerances: ±0.13 mm on all dimensions.

**Fabrication**

- Drawn: 08/28/06
- Checked: 08/28/06
- Designed: 08/28/06

**Scale**

- 1:2

**Materials**

- Solid model available

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*SOLID MODEL AVAILABLE*