\( P_{100} \) is the continuous (100% ED) excitation power at which the coil attains temperature \( T_{\text{max}} \) with the part mounted to a massive heatsink at 20\(^\circ\)C.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Resistance ( R_{20} )</th>
<th>Inductance</th>
<th>Force Constant</th>
<th>Velocity Constant</th>
<th>Current ( I_{100} )</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM2xxx-180</td>
<td>9.6 ( \Omega )</td>
<td>1.3 mH</td>
<td>4 N/A</td>
<td>4 Vs/m</td>
<td>771 mA</td>
</tr>
<tr>
<td>VM2xxx-132</td>
<td>34.4 ( \Omega )</td>
<td>5.3 mH</td>
<td>8 N/A</td>
<td>8 Vs/m</td>
<td>407 mA</td>
</tr>
<tr>
<td>VM2xxx-112</td>
<td>55.0 ( \Omega )</td>
<td>7.3 mH</td>
<td>9 N/A</td>
<td>9 Vs/m</td>
<td>322 mA</td>
</tr>
<tr>
<td>VM2xxx-080</td>
<td>286.0 ( \Omega )</td>
<td>40.0 mH</td>
<td>21 N/A</td>
<td>21 Vs/m</td>
<td>141 mA</td>
</tr>
</tbody>
</table>

Max 'ON' time:
- 100% ED: \( \infty \) s, 3.4 N
- 50% ED: 55 s, 4.8 N
- 25% ED: 12 s, 7.0 N
- 10% ED: 3 s, 10.6 N

Peak Force:
- 100% ED: 3.4 N
- 50% ED: 4.8 N
- 25% ED: 7.0 N
- 10% ED: 10.6 N

**VM2836** incorporates cover & flex circuit termination, stroke must be limited to 4mm maximum.

**Force (N) vs Displacement (mm)**

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Geeplus reserves the right to change specifications without notice

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