GEEPLUS  VM3322 & VM3334

$P_{100}$ 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°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>
<th>$P_{100}$</th>
<th>$T_{\text{max}}$</th>
<th>Total Mass</th>
<th>Coil Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM33xx-315</td>
<td>1.0 Ω</td>
<td>0.2 mH</td>
<td>2 N/A</td>
<td>2 Vs/m</td>
<td>2.4 A</td>
<td>8 W</td>
<td>130 °C</td>
<td>140 g</td>
<td>7 g</td>
</tr>
<tr>
<td>VM33xx-180</td>
<td>10.9 Ω</td>
<td>3.0 mH</td>
<td>6 N/A</td>
<td>6 Vs/m</td>
<td>724 mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VM33xx-125</td>
<td>47.7 Ω</td>
<td>13.0 mH</td>
<td>13 N/A</td>
<td>13 Vs/m</td>
<td>346 mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VM33xx-090</td>
<td>173.0 Ω</td>
<td>44.0 mH</td>
<td>24 N/A</td>
<td>24 Vs/m</td>
<td>182 mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Max 'ON' time | Peak Force
---|---
100% ED | ∞ | 5.0 N
50% ED | 17 s | 7.0 N
25% ED | 6 s | 9.5 N
10% ED | 2 s | 14.0 N

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VM3334 incorporates flex termination to mate with 5-way FFC connector, Molex P/N 52207-0585 or similar.

Centre pin is unused, 2 pins connect to each circuit of flex termination.

Orientation of flex circuit over position relative to mounting holes may vary.

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

171 A-t (100% ED)  
342 A-t (25% ED)  
540 A-t (10% ED)

Geeplus reserves the right to change specifications without notice.

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