Cougar® THD Vibrators

FEATURES
• Built from high-strength aluminum for maximum durability.
• Efficient motor designed for minimal power consumption.
• Low Maintenance
• Designed to create more force per size/weight.
• Variable Speed
• Continuous Duty

Specify Cougar for:
• Cost effective solutions
• Expert technical assistance
• Complete service and support

NOMENCLATURE

THD-XX XX YW XX

Vibrator Force Output
Vibrator Mounting Pattern
Mount Plate

VIBRATOR FORCE OUTPUT
25: 2500 lbs
16: 1600 lbs

VIBRATOR MOUNTING PATTERN
4M: Qty 4, 5/8 Bolts, 2.00” x 8.00” Rectangular Pattern
2V: Qty 2, 3/4 Bolts, 8.50” Between Center, In-Line Pattern

MOUNT PLATE
MO: Without Mount Plate
MS: Steel Mount Plate
MA: Aluminum Mount Plate
## TECHNICAL DATA SHEET

**COUGAR VIBRATION SOLUTIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>P/N</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Mounting</th>
<th>Bolt Size</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Weight lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>THD-1600</td>
<td>THD-16-4M-YW-MO</td>
<td>7.2</td>
<td>8.06</td>
<td>9.78</td>
<td>8</td>
<td>2</td>
<td>5/8</td>
<td>SAE 8</td>
<td>SAE 8</td>
</tr>
<tr>
<td>THD-1600</td>
<td>THD-16-2V-YW-MO</td>
<td>7.2</td>
<td>8.06</td>
<td>10.25</td>
<td>8.50</td>
<td>—</td>
<td>3/4</td>
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### Data from vibrator mounted to a 10,000 lb test block. Frequency and force will decrease on a less rigid mount.

- **Model**
- **P/N**
- **A**
- **B**
- **C**
- **Mounting**
- **Bolt Size**
- **Inlet**
- **Outlet**
- **Weight lbs**

<table>
<thead>
<tr>
<th>Model</th>
<th>In/lbs</th>
<th>VPM</th>
<th>Force</th>
<th>GPM</th>
<th>VPM</th>
<th>Force</th>
<th>GPM</th>
<th>VPM</th>
<th>Force</th>
<th>Max GPM</th>
<th>Max Pressure</th>
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<tbody>
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<td>1000</td>
<td>89</td>
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<td>2500</td>
<td>555</td>
<td>2.359</td>
<td>4000</td>
<td>1420</td>
<td>3.775</td>
<td>2000 PSI</td>
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<td>THD-2500</td>
<td>6.051</td>
<td>1000</td>
<td>172</td>
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Martin Engineering USA
One Martin Place
Neponset, IL 61345-9766 USA
800 544 2947 or 309 852 2384
Fax 800 814 1553
www.martin-eng.com

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001:2008 =

**COUGAR VIBRATION SOLUTIONS**

**Problem Solved™ GUARANTEED!**

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