

# COUGAR<sup>®</sup>

INDUSTRIES, INC.

## Heavy-Duty Rotary Electric Vibrators

### Frequency Ranges:

8-pole/850, 6-pole/1170, 4-pole/1750, and 2-pole/3450 rpm

### Force Outputs From:

100 to 44,000 lbs. centrifugal force

Available in 70 models

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Hard Working, American Made.



## Heavy-Duty Rotary Electric Vibrators

Cougar® Industries presents a full line of energy-saving, durable, adjustable, versatile rotary electric vibrators. They offer more efficient handling of bulk solids in a wide variety of applications from food processing and pharmaceutical to heavy industrial. These heavy-duty vibrators in single or three-phase models are designed and built to withstand punishing industrial use. Three-phase models are spike-resistant to withstand the special electrical loads encountered with inverter use. All models exceed the 1997 Federal Government electrical design standards.

## Product Features and Benefits

- 1** Ductile iron bearing housings are designed for long life and excellent field performance.
- 2** Roller bearings with close-clearance retainers offer exceptional load bearing characteristics and extended lube intervals for low maintenance and long life.
- 3** High strength alloy frame with four-bolt mounting pattern prevents excessive stress loads on the bearings.
- 4** Stainless steel "Full Fact" nameplate provides ready access to pertinent information.
- 5** Oversized conduit box offers easy access to connections.
- 6** High temperature copper magnet wire, the highest grade available, provides maximum insulating value.





**7** O-ring seals at the conduit box and end caps create a dust-tight and water-tight seal to prevent wear and corrosion damage.

**8** Cougar's unparalleled heavy varnish-impregnating system insulates the stator from vibration and high "G" forces.

**9** TENV electric motor has Class H windings for long life in even the most severe applications.

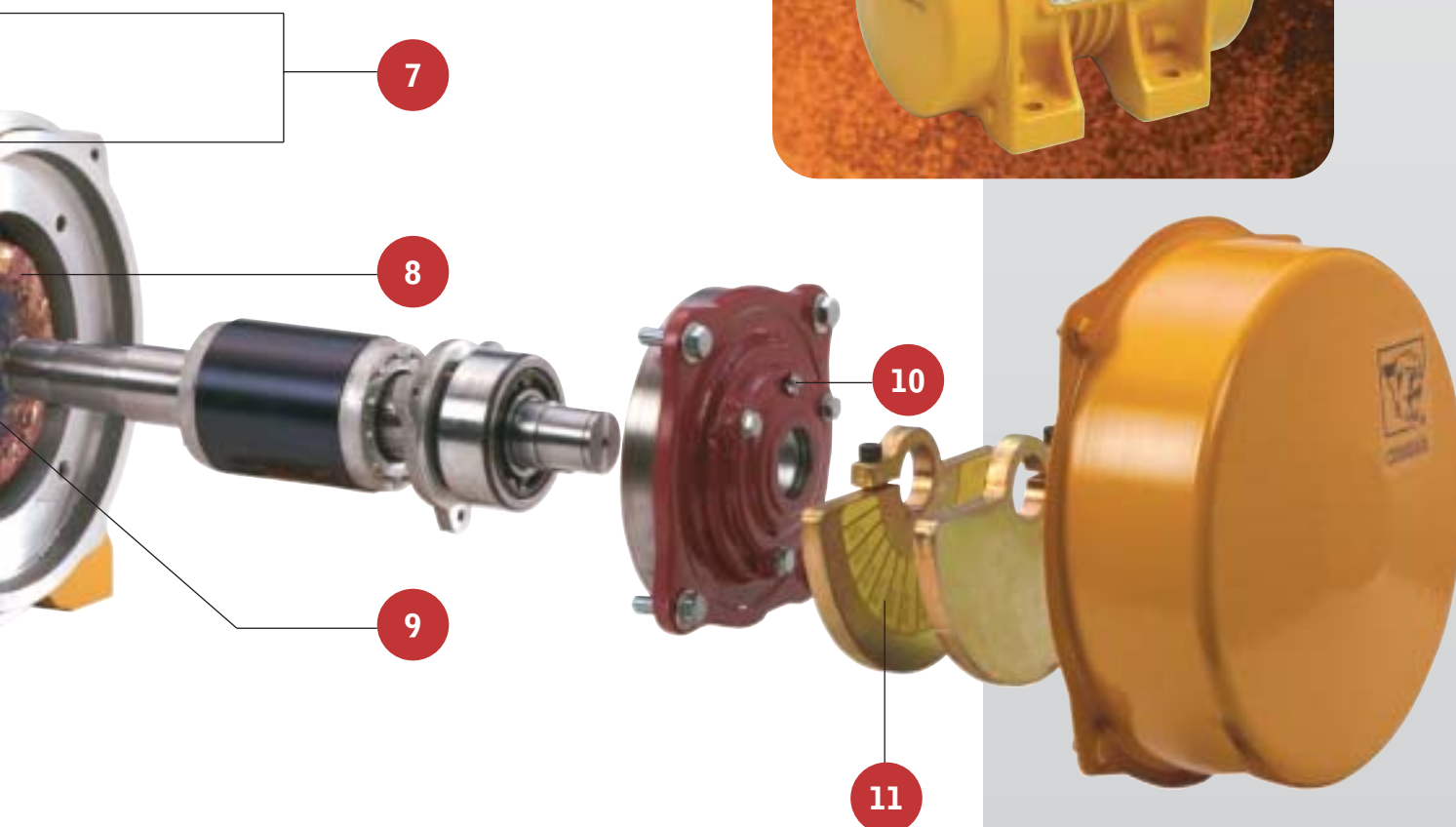
**10** Lubrication fittings are quickly accessed for fast service and minimal downtime.

**11** Adjustable eccentric weights allow force adjustment from zero to maximum for precise vibrational control.



Cougar® Industries patented the world's first 12-volt truck vibrator in 1964. Since that time, the Cougar name has become synonymous with exceptional products, workmanship, and service support. For the last 35 years, vibrators have been our only focus. Our heavy-duty vibrator lines, designed and manufactured in our Peru, Illinois facility, reflect this ongoing commitment to provide our customers with the most rugged, reliable vibrators on the market today. Consider the Cougar advantage.

**Designed and Manufactured in America!**



## Rotary Electric Vibrator Models

### 2 pole-1 Phase

B1-100-0A-2  
B1-250-0A-2  
B1-500-1A-2  
B1-1000-1A-2  
B1-2500-2A-2

### 4 pole-1 Phase

B1-150-0A-4  
B1-250-0A-4  
B1-550-1A-4  
B1-1000-1A-4  
B1-2300-2A-4

### 6 pole-1 Phase

B1-500-2A-6

### 2 pole-3 Phase

B3-100-0A-2  
B3-250-0A-2  
B3-500-1A-2  
B3-1000-1A-2  
B3-2500-2A-2  
B3-3500-2A-2  
B3-5000-3-2  
B3-6600-3-2  
B3-6600-4-2  
B3-8800-4-2  
B3-11000-5-2  
B3-20000-6-2

### 4 pole-3 Phase

B3-150-0A-4  
B3-250-0A-4  
B3-550-1A-4  
B3-1000-1A-4  
B3-2300-2A-4  
B3-3000-3-4  
B3-4000-3-4  
B3-5500-3-4  
B3-7700-4-4  
B3-10000-4-4  
B3-12300-4-4  
B3-16500-5-4  
B3-18500-6-4  
B3-25000-6-4  
B3-29000-7-4  
B3-33500-8-4

### 6 pole-3 Phase

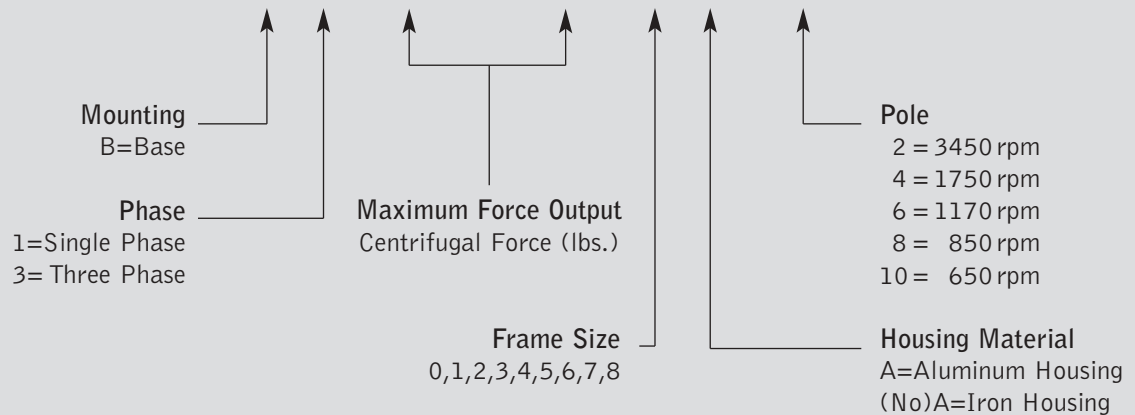
B3-500-2A-6  
B3-1000-2A-6  
B3-2400-3-6  
B3-3100-3-6  
B3-4000-4-6  
B3-5500-4-6  
B3-7100-4-6  
B3-10000-5-6  
B3-15000-5-6  
B3-19000-6-6  
B3-25500-6-6  
B3-34000-7-6  
B3-41000-8-6  
B3-44000-8-6

### 8 pole-3 Phase

B3-550-2A-8  
B3-900-2A-8  
B3-1650-3-8  
B3-2100-4-8  
B3-2900-4-8  
B3-3750-4-8  
B3-5280-5-8  
B3-7900-5-8  
B3-10000-5-8  
B3-13500-6-8  
B3-15500-6-8  
B3-18000-6-8  
B3-20000-7-8  
B3-22500-7-8  
B3-27500-7-8  
B3-33000-8-8  
B3-40700-8-8

## How To Order

**B3-1000-1A-2**



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**For More Information, Contact** Cougar toll free at 1.800.262.2106

Specifications subject to change

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