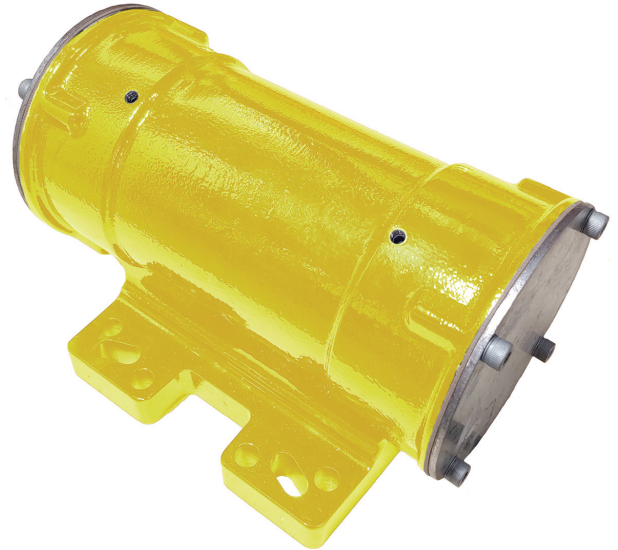
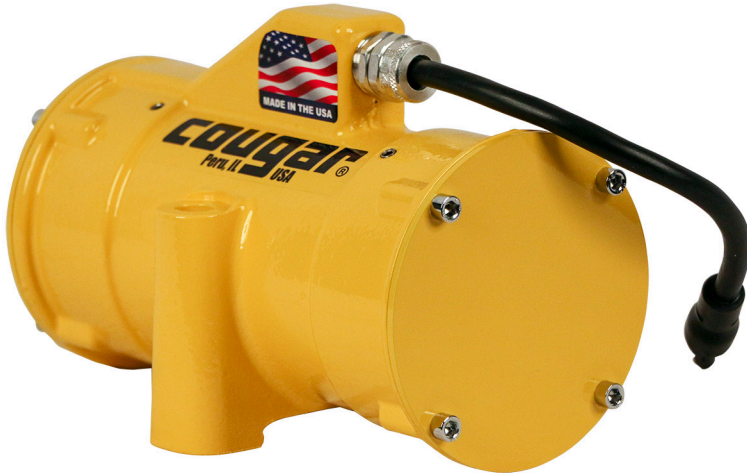


Cougar® DC Truck Vibrator - MDCV400/700 & MDC400/700



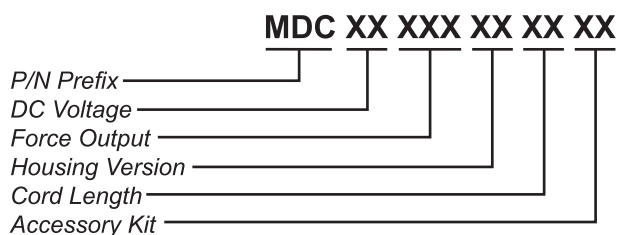
Cougar® DC Truck Vibrators solve problems in the unloading of material from mobile equipment. Powered by either 12 or 24-volt DC, the Cougar® Models MDCV12-400/700 and MDC12-400/700 provides effective vibration to improve material movement. These heavy-duty vibrators are suitable for applications such as concrete pumps, fertilizer, gravel, sand and salt-spreaders, dump trucks and other mobile equipment where sticky or compacted material causes hang-ups and slow unloading.

BENEFITS

- **Dust-Tight/Water-Tight**
O-ring seals and machined surfaces provide protection against the entry of water and dust for an IP 66 rating.
- **High Efficiency**
New high efficiency motor design requires less current to operate putting less stress on your electrical system and allowing vibrator to run cooler.
- **Low Maintenance**
Sealed bearings eliminate lubrication requirements and keep contaminants out.
- **Force Output Options**
Available in either 400 or 700 lbs force options.
- **Mounting Options**
Two different models offer a total of five different mounting patterns.
- **Terminal Box Filled with Silicon Rubber**
For added protection against moisture and other contaminants.
- **New Oversized Permanent Magnet Design**
Reduces operating current.
- **Smooth External Surfaces**
Eliminates material buildup.
- **Dependable Performance**
Covered by Martin Engineering's 2-Year Warranty.

TECHNICAL DATA SHEET

NOMENCLATURE



DC VOLTAGE

12: 12 Volt
24: 24 Volt

FORCE OUTPUT

4AJ: Adjustable up to 400 Lbs
400: 400 Lbs
700: 700 Lbs

HOUSING VERSION

MM: Martin Housing

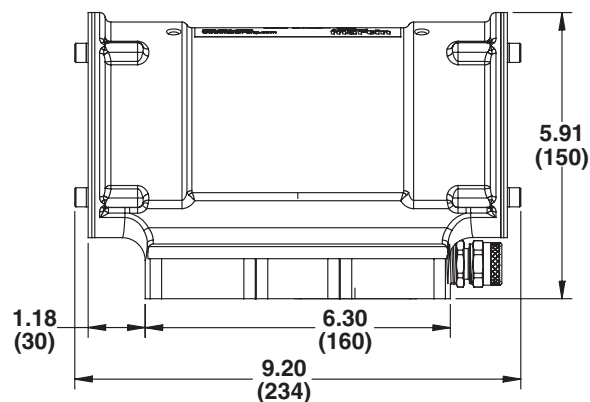
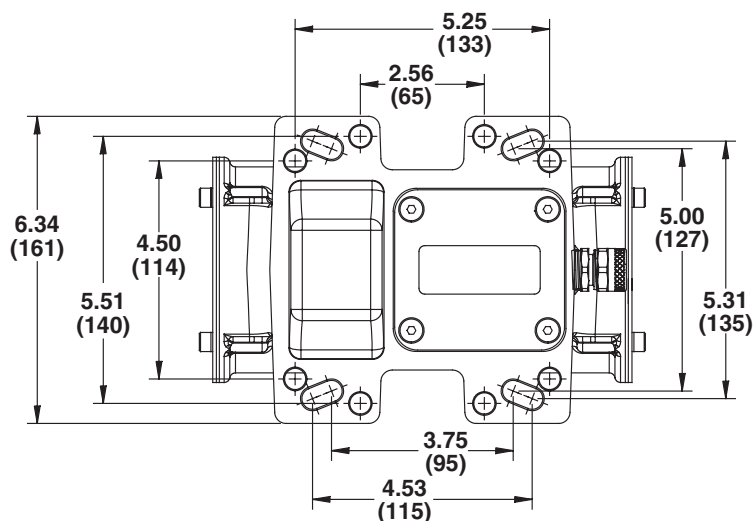
CORD LENGTH

10: 10"
52: 52"
96: 96"

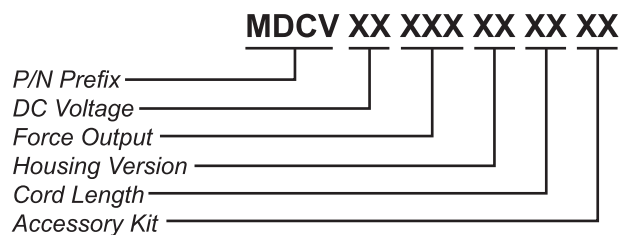
ACCESSORY KIT

AO: No Accessory Kit
XX: Indicates Kit Number (01–10)

DIMENSIONS



NOMENCLATURE



DC VOLTAGE

12: 12 Volt
24: 24 Volt

FORCE OUTPUT

4AJ: Adjustable up to 400 Lbs
400: 400 Lbs
700: 700 Lbs

HOUSING VERSION

MM: Martin Housing

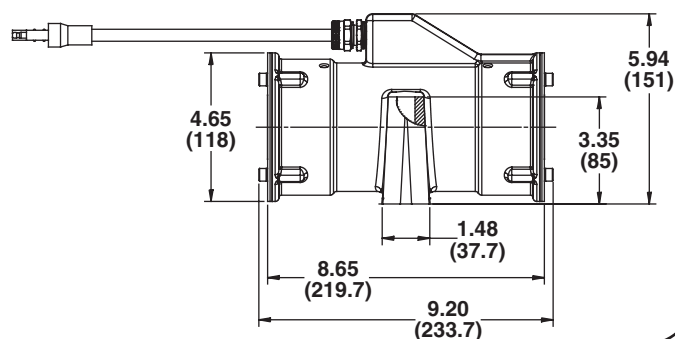
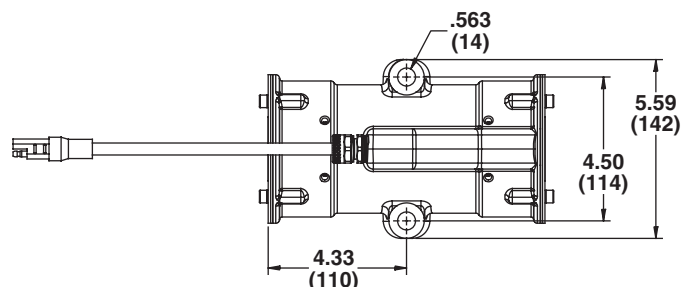
CORD LENGTH

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96: 96"

ACCESSORY KIT

AO: No Accessory Kit
XX: Indicates Kit Number (01–10)

DIMENSIONS



Problem Solved™ GUARANTEED!

Form No. L3318-06/25
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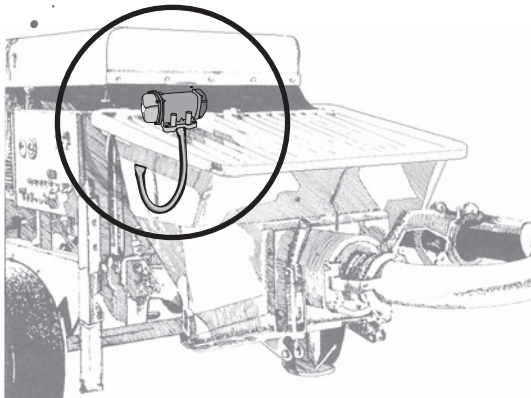
TECHNICAL DATA SHEET

PERFORMANCE DATA

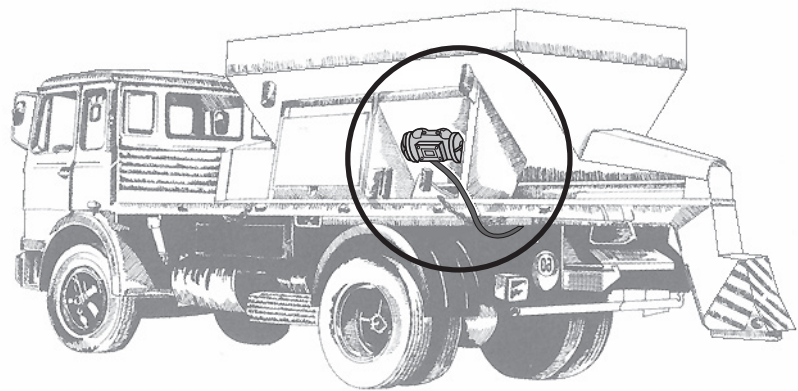
Model	Volt	Force Output		Weight		Max. Amp Draw
		lbs	kg	lbs	kg	
MDCV12-400-MM-XX-A0	12	400	181	18	8.2	13
MDCV12-700-MM-XX-A0	12	700	318	19	8.6	16
MDCV24-400-MM-XX-A0	24	400	181	18	8.2	6.5
MDCV24-700-MM-XX-A0	24	700	318	19	8.6	8
MDC12-400-MM-10-A0	12	400	181	7	3.2	13
MDC12-700-MM-10-A0	12	700	318	7.5	3.4	16
MDC24-400-MM-10-A0	24	400	181	7	3.2	6.5
MDC24-700-MM-10-A0	24	700	318	7.5	3.4	8

APPLICATIONS

Concrete Pumps



Spreader Trucks/Fertilizer Tenders



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**

Problem Solved™ *GUARANTEED!*

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