

Vibration Motor

Product Description

Power Magnetronics make vibration motor is robust, reliable, high loadable, quiet running, and requires minimum maintenance. Vibration motor is totally enclosed, 3 phase, squirrel cage induction motors with adjustable eccentric weights mounted at both the ends of the shaft, to set up vibrations during rotation. The design of the shaft and the selection of bearings have been carefully done to withstand heavy radial loads. We have developed foot and flange mounted vibration motor upto 5 H.P and it is available in 900, 1400, and 2800 RPM respectively.



Vibration motor is used in various material handling equipments, such as vibrating screens, conveyors, and feeders. They are also used on hoppers and silos to prevent coagulation of material flow. Foundry shakeouts and compacting machines use these motors for efficient operation.

Technical Specifications

- Range : 0.5 HP to 5 HP.
- RPM : 750, 1400, 2800.
- Centrifugal Force Range From 500N to 70,000 N.
- Working weight range: From 1 to 3000 kgs.
- Power connection : 3 phase, 50Hz, 415 V AC.
- Terminal Box: Sized to make the electrical connections easier.
- Power consumption: 200 watts to 6 Kilowatts.
- Ambient temperature: Up to 60 Degree Celcius.
- Winding(insulation) : F class.
- Drive Shaft made from treated steel designed to withstand stress at high speeds.
- Flange & Foot Mounting Models available.

Features

- High efficiency and low maintenance.
- Totally dustproof and air-cooled design.
- Roller bearing with self-lubrication to ensure long life expectancy.
- High powered starting torque.
- Secure centrifugal mounting.
- Vibration force can be adjustable.
- Suitable for continuous operations.
- Rugged construction made from high-grade CI casting.
- Terminal Box sealed with layer of resin to prevent damage due to vibrations.