

Vibration Motor

Product Catalog



POWERFUL PERFORMANCE
STABLE & RELIABLE



HIGH EFFICIENCY
ENERGY SAVING



QUALITY
ASSURANCE



STABLE
OPERATION



EASY
MAINTENANCE

SUITABLE FOR VARIOUS
INDUSTRIAL APPLICATIONS

Product Introduction

The Wolong vibration motor adopts advanced Italian technology and is a three-phase asynchronous excitation source motor. The body is made of high-strength cast iron and aluminum shell structure, with IP66 protection level and F-class insulation. It is 50/60Hz universal and the excitation force can be infinitely adjusted through eccentric blocks. It is equipped with high-quality special bearings and high-temperature lubricating grease, and runs stably, durable, dustproof, waterproof, and impact resistant.

It has a full range of models including ordinary horizontal, vertical flanges, explosion-proof, and long axis special. It is widely suitable for various industrial vibration equipment such as vibrating screens, feeders, silo arch breaking, vibration compaction tables, mining building materials, chemical grain and environmental protection, and can operate continuously for a long time.



Italian Technology

Advanced design, reliable performance



IP66 Protection

Dustproof, waterproof, impact resistant



F-class Insulation

High temperature resistance, longer life



50/60Hz Universal

Wide voltage range, global compatibility



Infinitely Adjustable

Excitation force adjustable via eccentric blocks



High-quality Bearings

Special bearings with high-temp grease for stable operation

WIDELY APPLICABLE

Suitable for various industrial vibration equipment and operating conditions.



Vibrating Screens



Feeders



Silo Arch Breaking



Vibration Compaction Tables



Mining



Building Materials



Chemical



Grain



Environmental Protection

POWERFUL PERFORMANCE
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Product Series

1 MVE Standard Horizontal Series

• Core function:

Provide stable vibration source for vibrating screens, conveyors, feeders, compactors and fluidized beds.

• Features:

High-quality bearings, F-class insulation, IP66 protection, adjustable centrifugal force, S1 continuous duty, high efficiency and reliability.



Power
0.03kW–30kW



Force
3kg–40,000kg



Voltage
220/380V, 380/660V



Frequency
50/60Hz



2 YBZD series vibration source explosion-proof motor

• Application:

Coal mines with gas and coal dust explosion hazards (non-mining faces).

• Features:

Explosion-proof structure, safe and stable operation in flammable gas/dust environments.



3 Three stage vibration motor for MVE-SV vibrating screen

• Type:

4-pole, long body, foot-mounted, inverter controllable.

• Force:

3500kg–8000kg, adjustable;
High strength casing, F-class insulation, IP66.

• Application:

Used in quarries, mining, drilling fluid recovery, material separation and screening.



Force
3500kg–8000kg
(Adjustable)



4 MVE-FD Side Plate Vibration Motor

• Force:

4500kg–25,000kg; 6/8 poles.

• Structure:

FE-optimized cast frame, eccentric weights at both shaft ends, flange-mounted on equipment sides, coupled in pairs.

• Application:

For stationary/mobile crushing plants, feeding, grading and dewatering.



Force
4500kg–25,000kg
(6/8 poles)



5 OPV vibrator

• Application:

On-site concrete formwork, precast concrete molds.

• Features:

Compact, high vibration force, multi-direction mounting (vault, side, horizontal).

• Force options:

2700kg, 4000kg, 6000kg.



Force Options
2700kg / 4000kg /
6600kg



Technical Parameters

A full range of models to meet diverse industrial application requirements.



MVE Series

YBZD Series

MVE-SV

MVE-FD

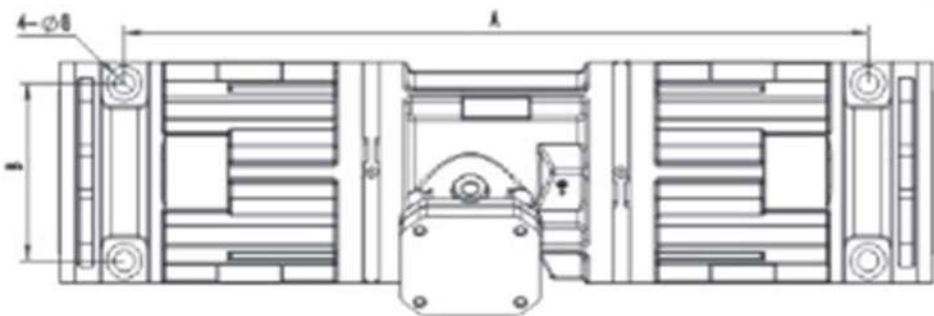
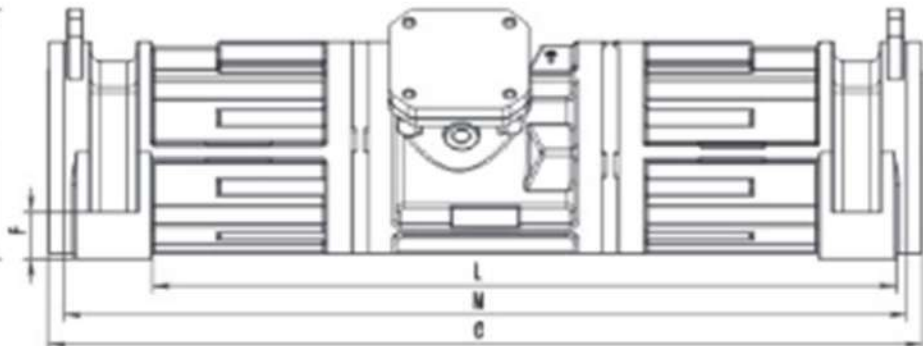
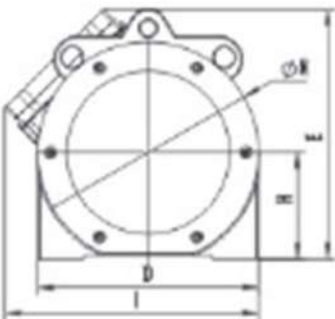
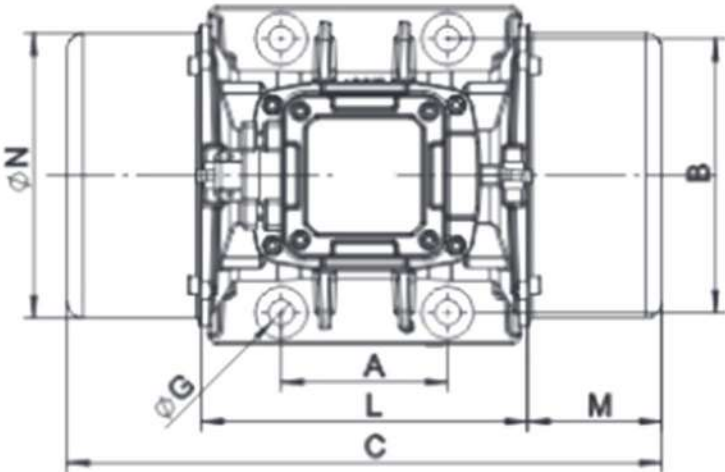
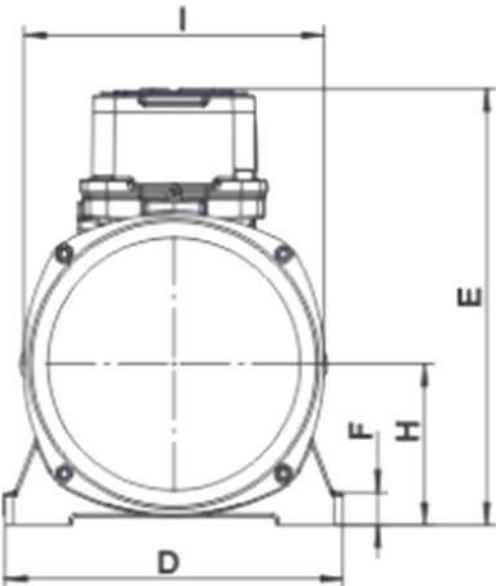
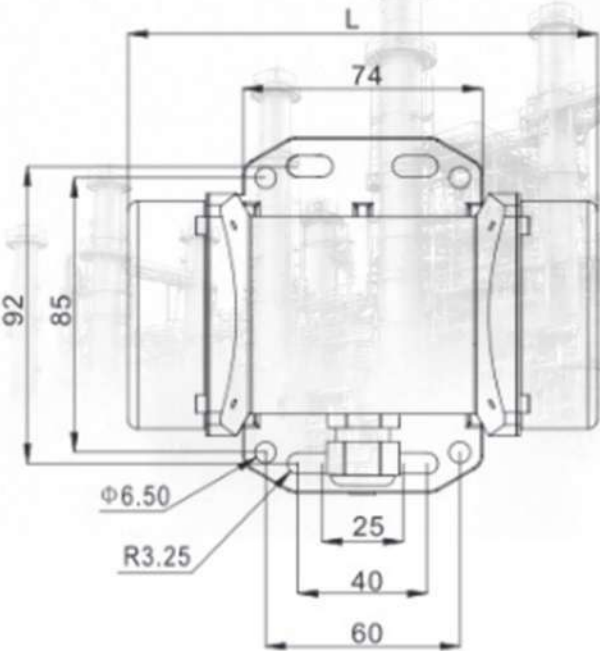
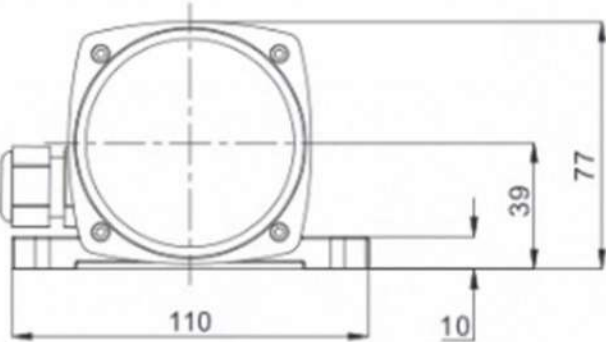
OPV Vibrator

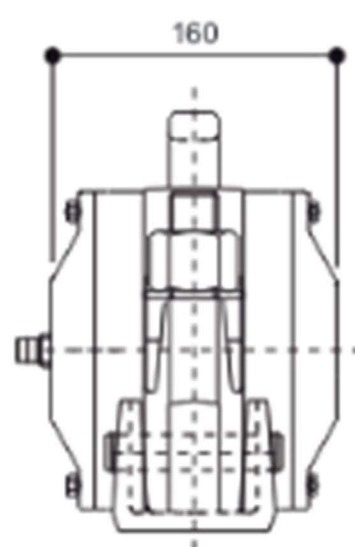
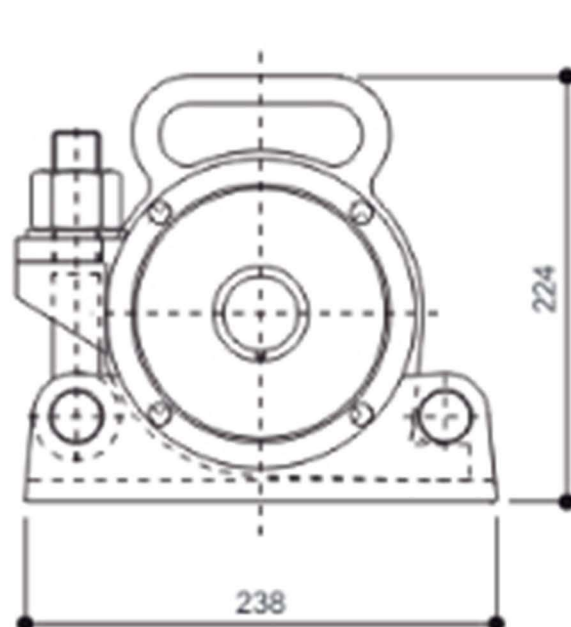
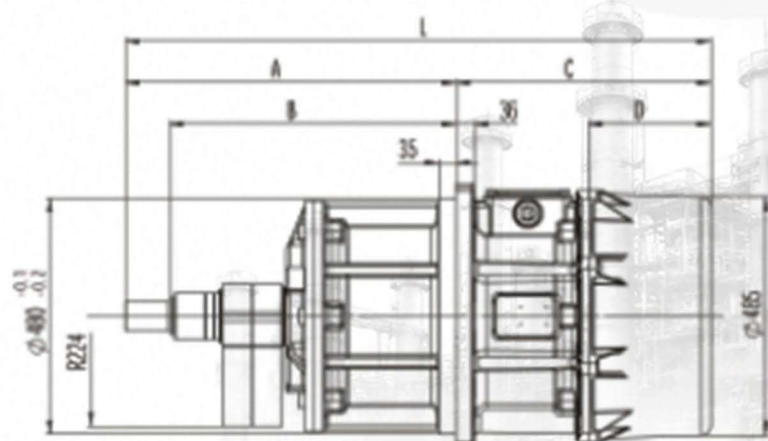
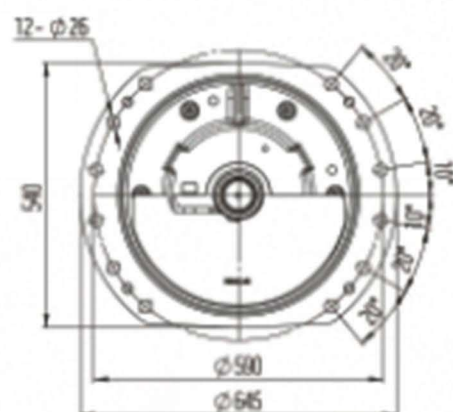
Name	MVE Series	YBZD Series	MVE-SV	MVE-FD	OPV Vibrator
Machine Base Material	Aluminum Shell Iron Shell	Iron Shell	Casting Aluminum Shell	Iron Shell	Steel And Cast Iron
Rated Power	0.03kW ~ 30kW	1.0kW ~ 7.5kW	1.84kW ~ 2.8kW	3.06kW ~ 16.0kW	/
Rated Voltage	220/380V 380/660V	380/ 660V	220/380V 380/660V	380V	/
Rated Speed	50Hz:750~3000rpm 60Hz:900~3600rpm	50Hz:750~3000rpm	50Hz:1500rpm	50Hz:750~1000rpm	/
Working System	S1				
Insulation Class	Grade F				
Protection Level	IP66	IP65	IP66	IP66	IP68
Cooling Method	IC410				Air Cooling

Application Scope



Dimensions and Weight Diagram





Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
MVE Series	195-585	140-360	160-410	6.5-150
YBZD Series	320-600	205-360	230-410	30-150
MVE-SV	959-1418	312-407	229-290	167-280
MVE-FD	850-1235	390-675	460-560	180-980
OPV Vibrator	210-270	160-200	180-220	28-52

Ordering Instructions

- Please provide accurate product series, complete model, rated excitation force, and synchronous speed/pole number when placing an order.
- Clearly specify the rated voltage and frequency, with the conventional standard being 380V/50Hz, and special voltages and 60Hz to be specified in advance.
- Confirm installation methods: standard horizontal, side panel FD type, SV three-stage, explosion-proof YBZD type, OPV pneumatic type.
- Special requirements such as explosion-proof, special protection, thermal protection, heating belts, and extended cables should be specified in advance when ordering.
- The usage environment must comply with: ambient temperature of -20°C to $+40^{\circ}\text{C}$, altitude not exceeding 1000m, and S1 continuous operation working system.
- Multiple units must be used in conjunction with the same model and speed to ensure reverse synchronous operation.
- The installation base must be flat and sturdy, and high-strength bolts should be used for installation; It is strictly prohibited to operate with phase loss, overload, and overvoltage.
- The product is original and authentic, supplied according to factory standards, with a one-year warranty. Non human caused faults are covered by official after-sales service.



Company Introduction

We have decades of professional experience in the import and export of industrial control equipment, and are internationally renowned brands such as ABB, Schneider, Siemens, as well as the official authorized distributor of Xiamen Huadian. Especially in the overseas promotion and supply of Xiamen Huadian's full range of products, we have deep channel advantages and rich service experience.

We specialize in exporting a full range of industrial control products, including:

Transmission equipment and electrical machinery frequency converter

Low voltage electrical equipment

PLC system

Motor and related supporting components

Xiamen Huadian Switchgear, Switchgear and Supporting Electrical Products

Relying on a professional sales and technical team, we provide customers with one-stop comprehensive services, covering strict quality control, highly competitive prices, stable and reliable logistics, and comprehensive after-sales technical support.

At present, our products and solutions have been exported to over 80 countries and regions across six continents, serving core industries in various regions

Europe: Shipbuilding, New Energy, and Power Industries

Asia: Textile, sugar and equipment manufacturing industries

South America: Port logistics, shipping, and infrastructure sectors

We are always committed to stable, efficient, and long-term partnerships, and have established a good reputation in the global industrial control market with our professional strength, becoming a trusted supplier for customers at home and abroad.



Certificate



Our Team



Our Factory



Participate in exhibitions





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