

LME 230 M24



Описание

Описание и назнапо

Vibroopara **LME 230 M24** is a specialized device for suppressing oscillations and vibrations in industrial settings. Designed for installation on horizontal surfaces, this model compensates for vibration effects originating from equipment itself or external sources. The primary function of **LME 230 M24** is to ensure steady positioning of stands, presses and measuring complexes, where minimal positional error is critical.

Масса, габарите и Код ТН ВЭД

The unit mass is 8 kilograms. The diameter of the carrier part equals 229 millimeters. The working stroke of height adjustment spans 12 mm ($H_{min}=54$ mm, $H_{max}=66$ mm). Код ТН ВЭД: 8481.80.000.0. Compact dimensions ease integration into confined spaces of workshops and laboratories.

Габарите	□□
□□ Опор (D), мм	229
Масса, кг	8
Hmin, mm	54
Hmax, mm	66
Код ТН ВЭД	8481.80.000.0

Шутка about Vibroopara LME 230 M24

Why did an engineer include Vibroopara LME 230 M24 into their stand? So that the relations would go smoothly, without vibrations and banging screws!

Техияккл

Параметр	Значение
Дипет Опор (D), mm	229
Height min/max, mm	54/66
Типе screw	M24×1,5
Макс. load for stands, kg	3000
Макс. load for presses, kg	4500

Угле load, kg	7000
Temperature operating range, °C	-30...+80

Преимущества и характеристики эксплуатации

- Decrease idle time due to stable positioning, yielding uninterrupted work cycles.
- Increase resource life owing to wear-resistant NBR element, exceeding 10 years.
- Easy mounting and demounting without need for fastener to base.
- Steady pressure retention across entire load range ensures accurate measurements.
- Compatibility with many types of industrial hydraulic systems facilitates integration.

Principle of operation

The **LME 230 M24** operates on a combination of a solid screw and a damping element made of butadiene rubber (NBR). When turning screw M24, one adjusts the carrier height, while a resilient layer absorbs oscillations via material elasticity. Vibroopara **LME 230 M24** keeps functionality under peak loads, critical for press-type equipment. Internal nodes include a spring-like thread, an elastic NBR block and a load-bearing plate.

Tempmode and service life

Model **LME 230 M24** maintains its properties within -30°C to +80°C. Permitted regimes: continuous operation, cyclic loading, start-stop sequences. The factors affecting resource are: quality of chassis, servicing frequency, filtration of medium, observance of pressure limits. Under recommended use, device survives at least a decade.

Application areas and equipment types

LME 230 M24 appears in: token and Fresher stands, lightweight presses, compressor setups, laboratory equipment. It is indispensable where exact positioning is demanded—such as when installing KT-scanners or laser razers.

Condition designation decoding

Markup breakup: LME – linear resilient carrier; 230 – diameter in millimeters; M24 – type screw thread. This designation follows GOST 10296-2014 and international standards ISO 20286.

Dimensions and attachment sizes

Drawing 1: Overall dimensions LME 230 M24

Drawing 2: Attachment parameters of model

Example order formulations

Example orders: a kit of 4 units for a stand with ЧПУ (load 2800 kg); a batch of 12 units for press line (4200 kg per carrier). Vibroopara **LME 230 M24** is supplied in customized packaging with certification matching.

Frequent questions

How to pick the needed modification by pressure, flow and attachment type?

First determine operating pressure range (e.g. up to 4500 kg for presses). Then match screw type M24 to your system's fasteners. Attachment sizes (D=229 mm) help verify compatibility with existing receiving units.

What are delivery timelines in Russia and СНГ, is item in stock?

Delivery to Russian cities (Москва, Санкт-Петер, Екатеринбург, Новосибирск, Казань, Ростов-на-Дону etc) and СНГ required 3-7 days. Currently **LME 230 M24** is available from warehouse of ГИДРАВЛИК.

What exploitation conditions favour longevity (moisture, open areas, dusty spaces, medium quality)?

For prolonged service keep relative humidity under 85%, avoid dusty medium, ensure operating temperature stays within -30°C to +80°C, and maintain recommended load margins.

Is it compatible with existing industrial gear and can one pick analogue?

Typical mistakes when choosing

- Selecting solely by thread type without regard for pressure and flow parameters.
- Ignoring thermal operating range, leading to loss of elasticity under out-bound conditions.
- Mismatch of carrier type to working medium, causing premature wear.
- Not verifying attachment dimensions relative to existing latching interfaces.

Ordering analogy and consultation

To order **LME 230 M24**, specify required quantity and any custom packaging. The brand ГИДРАВЛИК supplies via ГИДРАВЛИКА distributor. Technical consultation is available for selecting a model matching your industrial system. You can place an order or get in touch via site.