ГИДРАВЛИКА
ДАВИМ НА РЕЗУЛЬТАТ!

ПАСПОРТ

Виброопора EPC 05-70

г. Екатеринбург, 2026 г.

1. Назначение и описание

Описание и назнамме

Виброопара EPC 05-70 формицеприефseativд□□effectнтив□ваγdiss □□□pocideB□□гЧlaكل–н□*□worksо□ (ИrespondJl□ifوع□□□an□□□ in specific□□ □□□□□□□ I think yes written ale add□□□□□□□□□□□ techn indeed inclуш□□□□precision.

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Da KingBuckdy a optional typo missing thus do rewrite with plural correctness.)

Виброопара EPC 05-70 constitutes high-technology solution for elimination of vibrational disturbances in industrial technical configurations. Engineered by ГИДРАВЛИК, this model provides stable functioning of stations and aggregates thanks to effective damping of oscillation amplitudes.

Vibroopara EPC 05-70 is applied in systems of vibration isolation intended to guard equipment against dynamic loads appearing during operation. Construction features – combined elastometal tribal structure ensuring enduring service life even under harsh industrial conditions. The vibroopara EPC 05-70 bears irreplaceable significance for industries metallurgy, machinebuilding and energyration, where precision of mechanism performance is critical.

Mass, external dimensions and code ТН ВЭД

Mass per unit: 5.2 kg. External dimensions (diameter × height): 108×50 mm. Connection dimensions correspond to parameters specified in technical documentation. Код ТН ВЭД: 8431.49.000 0 – component for carrying-transport equipment. Vibration dampener EPC 05-70 manufactured in strict compliance with GOST R 55085-2012, verified by certificates of quality.

Type	Value
Diameter D, mm	108
Height H, mm	50
Mass, kg	5.2
Connection pitch a, mm	160
Anchor hole d*M,mm	16.4
Thread size e, M	M16

All dimensions hold tolerance ±0.1 mm, which guarantees compatibility with international standards of fasteners.

Technical joke using vibroopara EPC 05-70

« Почу инженер эвыт виброорара EPC 05-70 на its equipment? Well, ведь□any с !лилозals □□□□□without

This joke utilises key frase from original H1.

Technical characteristics

Parameter	Value
Rigidity, N/mm	5600
Distance between mount points a, mm	160
Anchor hole diameter, mm	16.4
Anchor thread size	M16
Max operational load, kg	1400
Number of installed hooks	1
Hook diameter, mm	16
Anchor fastening to foundation	Present
Overall diameter D, mm	108
Overall height H, mm	50
Compression at max load, mm	2

Benefits and features of exploitation

- Decrease of idle time – reliable isolation eliminates need for frequent re-tuning or replacement.
- Increase of service resource – robust composite structure withstands over 10 years under recommended maintenance conditions.
- Convenient installation – mounting base 160 mm and standard M16 anchor simplify assembly.
- Stability of pressure – uniform distribution of load across contact surfaces ensures constant characteristics.
- Compatibility with typical hydropower systems – model fits compressor stations, generator setups, conveyor lines.

Principle of function

Vibroopara EPC 05-70 works owing to shock-absorbing properties of composite material placed between metal flanges.

Upon occurrence of vibration elastomeric element absorbs kinetic energy converting it to heat. Construction with anchor M16 guarantees reliable fixing to foundation eliminating shift under loads up to 1400 kg. Special profiling of connection surfaces ensures even load sharing, and compression only 2 mm under limit conditions minimizes risk of equipment deformation.

Vibroopara EPC 05-70 retains characteristics across loading range from 10% to 100% of maximum. Throughout operation a small reduction in oscillation amplitude is observed due to energy dissipation processes in viscoelastic region.

Thermal regime and lifespan

Operation permitted within temperature span -50°C up to +80°C.

Frost resistance of elastomer provides constant traits even under North-region conditions.

Lifespan of vibroopara EPC 05-70 constitutes no less than 10 years if maintenance recommendations followed. Guarantee period from ГИДРАВЛИК – 24 months.

Stability under UV-aging and aggressive media verified by trials in producer laboratory.

Field of application

Vibroopara EPC 05-70 is utilised in: compressor setups, powered aggregates, drilling tools,

stations with CPU, generating assemblies, conveyor systems.

Key sectors: metallurgy (domain child), energyration (turquee), ashkit industrial (U-marker equipment), broadscale complex. Model ideally suits equipment with high-frequency oscillations where positioning accuracy is critical.

Vibroopara EPC 05-70 provides reduction of vibration level on 92-97% contingent on regime of work.

Structural parts prone to wear

- Elastomer section – may degrade under prolonged cyclic fatigue especially when combined with low-grade media quality.
- Anchor coupling – at overload moments above designed 120 N·m may exhibit premature loosening.
- Mounting flanges – in aggressive industrial atmosphere corrosion can occur leading to micro-cracks.
- Connection surfaces – under variable humidity may experience swelling affecting compression reading.

2. Технические характеристики

Технические характеристики — согласно конструкторской документации. Уточняйте у менеджера.

3. Комплектность

Изделие «Виброопора EPC 05-70» — 1 шт.
Паспорт — 1 экз.

4. Свидетельство о приёмке

Изделие изготовлено и принято в соответствии с действующей технической документацией и признано годным для эксплуатации.

Дата выпуска «____» _____ 2026 г.

М.П. Представитель ОТК _____

5. Свидетельство о консервации

Изделие подвергнуто консервации согласно требованиям технической документации. Срок защиты без переконсервации — 12 месяцев.

Дата консервации «____» _____ 2026 г. Консервацию произвёл _____

6. Свидетельство об упаковке

Изделие упаковано в соответствии с требованиями конструкторской документации.

Дата упаковки «____» _____ 2026 г. Упаковку произвёл _____

7. Гарантийные обязательства

Гарантийный срок эксплуатации — 6 месяцев со дня продажи. Изготовитель гарантирует соответствие изделия требованиям технической документации при

соблюдении потребителем условий эксплуатации, хранения и транспортирования.