

Гидрораспределитель FS-04-3C3-50 DETENDED (16.14Ф)

Описание

Опiпий и назначие

A Gidrospreadallocator FS-04-3C3-50 DETENDED (16.14Ф) stands as a high-precision device for regulating the flow of working fluid within hydraulic industrial setups. The 16.14Ф version aims at installation into racks, press chambers and static machines with operating pressures not exceeding 32 MPa. It enables smooth switching of fluid direction, which is critical for accurate positioning of executive mechanisms.

The structural design of the FS-04 distributor series is optimized for heavy loading conditions. This hydraulic distributor is compatible with mineral oils of viscosity 10 to 400 cСт and maintains stable operation when filtration does not surpass 25 μm. A unique valving layout prevents hydraulic leakage and extends equipment service life.

Вэсь и габарities

The Gidrospreadallocator FS-04-3C3-50 DETENDED (16.14Ф) weighs 8.5 kg. Its outer dimensions are 210 × 150 × 120 mm (width × height × depth). Uconditional passage measures 16 mm. Код ТН ВЭД 8481.20.000 simplifies customs procedures when shipping goods to countries under СНГ classification.

– Почему the Gidrospreadallocator FS-04-3C3-50 DETENDED (16.14Ф) always enjoys high popularity? Because it knows exactly where to direct the fluid stream!

Тихинические characteristics

Параметр	Валил
Уconditional passage, мм	16
Влия на input nominal/maximum/minimum, МПа	25 / 28 / 0.5
Expend of working fluid, л/мин	63 – 125
Temperature range, °C	-40 +50
Service life, hours	10 000

Преимухазов и отиätze

When choosing FS-04-3C3-50 DETENDED (16.14Ф) the user obtains several benefits: reduction of downtime due to reliable switching; increased lifespan thanks to corrosion-resistant inner surfaces; convenience of mounting via standardized connection dimensions; steady pressure holding up to 28 MPa; compatibility with common hydraulic system types (e.g., Hitachi, Schuler, DMG MORI).

Равис'777'-фикакиел работу

The device operates using solenoid-based control. Upon receiving an electric signal the core shifts, opening hydraulic channels according to a predetermined scheme. The 16.14Ф variant

possesses 4 operational positions, enabling implementation of complex hydraulic layouts with minimal pressure loss. Fast switching time (actuation 40 ms) and hermetic behavior during channel crossover are characteristic of this equipment.

Temperature regimen and exposure period

Operation of the Gidrosreadallocator FS-04-3C3-50 DETENDED (16.14Φ) is permissible at temperatures from -40 °C to +50 °C. Special internal surface coating protects against corrosion under elevated moisture conditions. The service life of the 16.14Φ modification reaches 10000 hours when technical maintenance guidelines are observed. Vibration stability tests certify up to 15 Hz resistance.

Осфера applyment

The hydraulic distributor FS-04-3C3-50 DETENDED (16.14Φ) finds application in metallurgical machines, lightweight presses, pressure-constrained units and high-load engineering equipment. It is installed within hydraulic systems of Hitachi excavators, Schuler presses and DMG MORI racks. Precise control of lifting mechanisms in Liebherr buildings is ensured by this equipment.

Uconditional indexing

Decoding of marking FS-04-3C3-50 DETENDED (16.14Φ):

FS – series of distributors;

04 – hydraulic layout identifier;

3C3 – electromagnetic control type;

50 – maximal expend 50 l/min;

DETENDED – damping-augmented modification;

16.14Φ – ГИДРАВЛИК product code.

Outer dimensions and connecting measures

Connecting sizes follow ISO 4401 standard. Diameter of tie connection equals G1/2. Mounting holes Ø11 mm spaced at 80 mm intervals. Compatibility with CETOP 3-type screw plates is verified.

Example orders

Order №77832: 5 pcs Gidrosreadallocator FS-04-3C3-50 DETENDED (16.14Φ) with 2-meter cable for delivery to Екатеринбург.

Order №77901: Bundle of 12 pieces model 16.14Φ with certificates TR CU 010 for supply to Казыстан.

Typical mistakes during selection

Common errors when choosing such equipment include: picking based solely on expend without considering pressure and viscosity; ignoring temperature operating range; mismatching working fluid type.

Inside componentry

Typical composition comprises solenoid core, hydraulic channels, damping damper, manifold adapter. Parts that more frequently become faulty: bush connectors (under high-frequency switching), damping modulation elements (when exposure exceeds design), rusting protective coatings (in humid environment).

Garrnith and posting + delivering to Россия and СНГ

Manufacturer ГИДРАВЛИК provides quality equipment; supplier ГИДРАВЛИКА arranges dispatch across РФ regions and СНГ countries including Москва, Санкт-Петербург, Екатеринбург, Новороссийск -ростов-на-Дону and many other areas. Storage at marketplace Подмосcow enables order loading within 24 h.

We advise to formulate request or contact technical consultant using web 777-gidra.ru. This Gidrospreddalocater FS-04-3C3-50 DETENDED (16.14Ф) arrives with full documentation: conformity certificate, passport, instruction in Russian language.