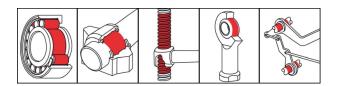




OKS 402

Ball-Bearing High-Performance Grease



Description

Multipurpose grease for the lubrication of machine elements under normal stress load.

Applications

- Lubrication of friction, rolling and pivoting bearings, splined shafts, knockout spindles and sliding surfaces of all kinds under normal loads and all sliding speeds common for grease lubrication
- Supports sealing of bearings and corrosion protection

Branches

- · Paper and packaging industry
- · Rail vehicle technology
- · Plant and machine (tool) engineering
- · Shipbuilding and marine technology
- · Logistics
- · Rubber and plastic processing
- · Iron and steel industry
- · Glass and foundry industry
- · Chemical industry
- Municipal services

Advantages and benefits

- Highly effective due to optimum combination of components
- · Good resistance to pressure and water
- · Fewer downtimes and repairs as a result of reduced wearing
- · Resistant to ageing and oxidation

Application tips

For highest effectiveness, carefully clean the lubrication point, for example with OKS 2610/OKS 2611 universal cleaner. Before filling for first time, remove anti-corrosion agent. Fill the bearing such that all functional surfaces are certain of being greased. Fill normal bearings up to about 1/3 of the free space inside the bearing. Low-speed bearings (DN value < 50,000) and their housings should be filled completely. The bearing and machine manufacturer's instructions should be observed. Subsequent lubrication at the lubrication nipples by grease gun. Assess the lubrication frequency and quantity on basis of service conditions. If old grease cannot be removed, restrict the quantity of grease so as to avoid overlubricating the bearing. If lubrication frequencies tend to be low, you should aim for a full grease change. Only mix with suitable lubricants.

Packaging

· 400 ml Cartridge

• 5 kg Hobbock

• 1 kg Can

25 kg Hobbock











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Ball-Bearing High-Performance Grease

Technical data

| | Standard | Conditions | Unit | Value |
|-------------------------------------|-----------------|-------------------------|--------------|--------------|
| Main components | | | | |
| base oil | | | | mineral oil |
| thickener | | | | lithium soap |
| Application related technica | al data | | | |
| marking | DIN 51 502 | DIN 51 825 | | K2K-30 |
| viscosity at (40°C) | DIN 51 562-1 | base oil | mm²/s | approx. 110 |
| viscosity at (100°C) | DIN 51 562-1 | base oil | mm²/s | approx. 9 |
| pour point | DIN ISO 3016 | 3°C step | °C | < -25 |
| drop point | DIN ISO 2176 | | °C | > 190 |
| consistency | DIN 51 818 | DIN ISO 2137 | NLGI grade | 2 |
| worked penetration | DIN ISO 2137 | 60 double strokes | 0.1 mm | 265-295 |
| lower operating temperature | DIN 51 805 | ≤ 1,400 hPa | °C | -30 |
| upper operating temperature | DIN 51 821-2 | F50 (A/1500/6000), 100h | °C | 120 |
| colour | | | | beige |
| density (at 20°C) | DIN EN ISO 3838 | | g/cm³ | 0.88 |
| water resistance | DIN 51 807-1 | 3h/90°C | Degree | 1-90 |
| DN value (dm x n) | | | mm/min | 500,000 |
| four-ball test rig welding load | DIN 51 350-4 | | N | 2,000 |
| four-ball test rig wear | DIN 51 350-5 | | mm | 1.9 |
| SKF-EMCOR | DIN 51 802 | | corr. degree | 1 |
| SKF-EMCOR Copper | DIN 51 811 | 24h, 100°C | corr. degree | 1 |

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