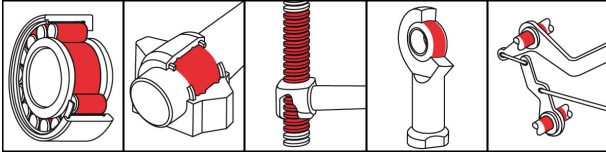


OKS 402 Ball-Bearing High-Performance Grease



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

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

Branches

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

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
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

OKS 402

Ball-Bearing High-Performance Grease

Technical Data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				lithium soap
Application related technical data				
marking	DIN 51 502	DIN 51 825		K2K-30
viscosity at (40°C)	DIN 51 562-1	base oil	mm ² /s	approx. 110
viscosity at (100°C)	DIN 51 562-1	base oil	mm ² /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
penetration drop	DIN ISO 2137		0.1 mm	< 20
penetration drop	DIN ISO 2137		0.1 mm	< 50
lower operating temperature	DIN 51 805	≤ 1400hPa	°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/cm ³	0.88
water resistance	DIN 51 807-1	90°C	Degree 0-3	1
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

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
 82216 Maisach
 Phone: +49 (0) 8142 3051 - 500
 info@oks-germany.com
 www.oks-germany.com



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark
Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com. Our Customer and Technical service will be pleased to help should you have any further questions.