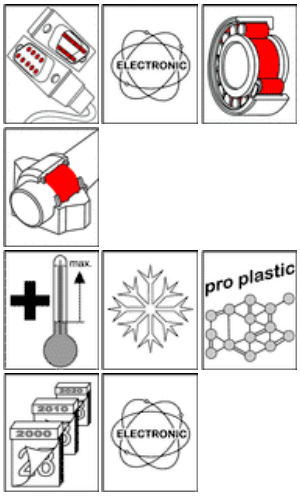
OKS 464 - Product Information

OKS 464
Electrically Conductive Bearing Grease



Fields of Application:

Special grease for the long-term lubrication of ball and plain bearings where electrical charge is possible, e.g. in electric engines, foil- stretching and foil-printing machines, etc.

Advantages and Benefits:

Long-term lubrication grease with a wide temperature range and good corrosion protection. The special lubricating concept makes sure that electrostatic charges in roller bearing applications are destaticized through the grease, so that local discharges are avoided. OKS 464 is proven especially for the lubrication of roller bearings below 1 ampere.

Application:

For optimum effect clean thoroughly the lubrication point e.g. with OKS 2610/2611 Universal Cleaner. Before initial filling remove corrosion protection agent. Fill bearing so that all functional areas receive grease for sure. Normal bearings are filled up to 1/3 of the free interior housing space. Slow-running bearings (DN value < 50.000) and their housings have to be completely filled. Instructions of the bearing and machine manufacturer have to be observed. Relubrication with a grease gun on to the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. At longer relubrication intervals a complete exchange of the old grease is recommended. Do only mix with suitable lubricants. For further questions please contact our technical department.

Additional Information:

Packaging (article number):
- 400 g cartridge (00464019)
- 1 kg tin (00464034)
- 5 kg hobbock (00464050)

Version:
E-05.1/07

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Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KHC2N-40
Base oil				
Type				PAO
Viscosity	DIN 51 562-1 DIN 51 562-1	40°C 100°C	mm²/s mm²/s	150 19
Thickener				
Type				lithium soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI class	2
Unworked penetration	DIN ISO 2137		0,1 mm	265 - 295
Additives				
Solid lubricants				carbon
Application data				
Density	DIN EN ISO 3838	+20°C	g/cm³	0,89
Colour				black
Service temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-40
Maximum service temperature	DIN 51 821-2	F50 (A/1500/6000), > 100 h	°C	150
Water resistance	DIN 51 807-1	3 h/90 °C	grade 1-3	0 - 90
DN value			mm/min	1.000.000
Corrosion protection tests				
SKF-Emcor	DIN 51 802	7 d/dest. water	corr. grade 1-5	< 1
Electrical Properties				
Specific resistance	acc. DIN 53 482	electrode gap 1 cm electrode surface 1 cm²	Ohm x cm	10.000