

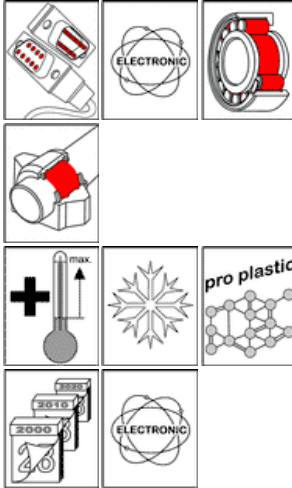


## OKS 464 - Product Information

### 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.

### OKS 464 Electrically Conductive Bearing Grease



### 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

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. ® = Registered Trademark



# OKS 464 Electrically Conductive Bearing Grease

## Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KHC2N-40
<b>Base oil</b>				
Type				PAO
Viscosity	DIN 51 562-1	40°C	mm <sup>2</sup> /s	150
	DIN 51 562-1	100°C	mm <sup>2</sup> /s	19
<b>Thickener</b>				
Type				lithium soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI class	2
Unworked penetration	DIN ISO 2137		0,1 mm	265 - 295
<b>Additives</b>				
Solid lubricants				carbon
<b>Application data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	0,89
Colour				black
<b>Service temperatures</b>				
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
<b>Corrosion protection tests</b>				
SKF-Emcor	DIN 51 802	7 d/dest. water	corr. grade 1-5	< 1
<b>Electrical Properties</b>				
Specific resistance	acc. DIN 53 482	electrode gap 1 cm electrode surface 1 cm <sup>2</sup>	Ohm x cm	10.000

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. © = Registered Trademark