



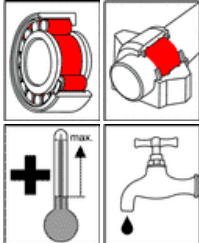
OKS 1140 - Product Information

Fields of Application:

Lubrication of slow-running rolling and friction bearings, rollers, transport chains or sliding surfaces on kiln trolleys, bakery machines, drying tunnels, foundry machines, boiler firing systems, plastics processing machines for welding and soldering machines etc.

OKS 1140

Extreme-Temperature Silicone Grease



Advantages and Benefits:

Highly effective due to optimum temperature-stable silicone grease formula. Excellently suited for grease lubricating points subject to high-temperature loading. Broad range of uses outside normal grease performance areas.

Application:

For best results, clean lubricant points and surfaces carefully, e.g. with OKS 2610 or OKS 2611 universal cleaner. Remove the corrosion protection ahead of the initial filling. Fill the bearings in a way that all the functional surfaces for sure get the grease. Slow moving bearings (DN-value < 50.000) should be filled completely, normal moving bearings should be filled to 1/3 of the free inner housing space. Observe the instructions of the bearing or machine manufacturer. 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. Only mix with appropriate lubricants. Bearings filled with silicon grease must not have higher loads than 1/3rd of the bearing's permitted load. Silicone-based plastics, e.g. silicone rubber, can be dissolved by silicone grease. Silicone grease must not be applied to sliding surfaces under influence of pure oxygen. For additional questions please contact our Technical Department.

Additional Information:

Packaging (Article number):

- 500 g Tin (01140031)
- 5 kg Hobbock (01140050)
- 25 kg Hobbock (01140062)

Version

E-05.1/05

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OKS 1140 Extreme-Temperature Silicone Grease

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KFSI2U-20
Base Oil				
Type				Polyphenylmethylsiloxane
Viscosity	DIN 51 562-1	+40°C	mm ² /s	100
Evaporation loss	DIN 58 397-1	24h/160°C	Weight-%	1,0
Flash point	DIN ISO 2592	> 79	°C	> 250
Thickener				
Type				Special carbon black
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
Drop point	DIN ISO 2176		°C	ohne
Oil separation	DIN 51 817	18h/40°C	Weight-%	1,0
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm ³	1,03
Colour				black
Service Temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-20
Maximum service temperature			°C	290
Short time service temperature			°C	300
DN- value	ohne		mm min	75.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0 - 90
Corrosion Protection Tests				
SKF-EMCOR	DIN 51 802		Corr.-Grade 1-5	2 and 2
Wear Protection Tests				
VBT-weldload (Four ball test rig)	DIN 51 350-4		N	2.100
VBT-wear	DIN 51 350-5	1.420 U/min/1 h/400 N	mm	1,2

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