

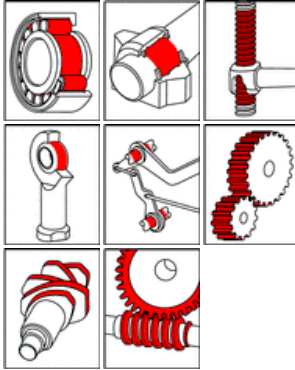


## OKS 402 - Product Information

### Fields of Application:

Lubrication of plain-, rolling- and pivoting bearings, splined shafts, threaded spindles and sliding surfaces of all kinds under normal loads and all sliding speeds common for grease lubrication.

### OKS 402 Ball-Bearing High- Performance Grease



### Advantages and Benefits:

Excellent suited for normally loaded lubrication points. Highly effective due to optimum combination of components. The requirements of the standard DIN 51 825 for a K2K lubricating grease are greatly exceeded. Savings due to decreased maintenance and lubricant costs. Fewer downtimes and repairs as a result of reduced wearing. Supports sealing of bearings and corrosion protection.

### Application:

For best results clean the lubricating point carefully. Clean with solvents like OKS 2610/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. For additional questions please contact our Technical Department.

### Additional Information:

- Packaging (Article number):
- 400 g Cartridge (00402019)
  - 1 kg Tin (00402034)
  - 5 kg Hobbock (00402050)
  - 25 kg Hobbock (00402062)
  - 180 kg Drum (00402070)

Version  
E-01.1/06

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# OKS 402 Ball-Bearing High-Performance Grease

## Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		K2K-30
<b>Base Oil</b>				
Type				Mineral oil
Viscosity	DIN 51 562-1 DIN 51 562-1	40°C 100°C	mm <sup>2</sup> /s mm <sup>2</sup> /s	appr. 110 appr. 9
Pourpoint	DIN ISO 3016	3°C step	°C	< -25
<b>Thickener</b>				
Type				Lithiumhydroxystearate
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
Penetration drop	DIN ISO 2137 DIN ISO 2137	5.000 DH 100.000 DH	0,1 mm 0,1 mm	< 20 < 30
Drop point	DIN ISO 2176		°C	> 190
<b>Application Data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	0,9
Colour				beige
<b>Service Temperatures</b>				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-30
Maximum service temperature	DIN 51 821-2	F <sub>50</sub> (A/1500/600), 100h	°C	120
DN- value			mm min	500.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	1 - 90
<b>Corrosion Protection Tests</b>				
SKF-EMCOR	DIN 51 802		Corr.-grade 1-5	0 - 1
SKF-EMCOR, on copper	DIN 51 811	24h/100°C	Corr.-grade 1-5	1 - 90
<b>Wear Protection Tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.000
VBT- wear	DIN 51 350-5	1.420 U/min/1 h/800 N	mm	1,9

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