

FAG Rolling Bearing Grease L74

Properties, applications: Bearing grease for high speed, low temperatures, grease for spindle bearings

Characteristics	Unit	Value	Test method
Marking:		KE2K-40	DIN 51825
Color:		yellow	
Temperature range:	[°C]	-40 to 130	DIN 51825
Longtime limit temperature	[°C]	60	
Density	[kg/dm ³]	0,99	
Specifications:			
Thickener:		barium complex	
Type of base oil:		mineral + ester oil	
Base oil viscosity	at 40°C: [mm ² /s]	23	DIN 51562 - 1
	at 100°C: [mm ² /s]	4,7	DIN 51562 - 1
Identification letters of additives:		A,K	
Worked penetration:	[0,1 mm]	265-295	DIN ISO 2137
Consistency:	[NLGI-Cl.]	2	DIN 51818
Drop point:	[°C]	220	DIN ISO 2176
Oxidation stability			
Pressure drop after 100 h at 99 °C:	[kPa]	< 20	DIN 51808
Water resistance:	[Range]	1-90	DIN 51807 - 1
Flow pressure at -30 °C	[hPa]	< 1400	DIN 51805
Emcor Test:	[Corr.Grad]	0/1	DIN 51802
Copper corrosion after 24 h/120 °C	[Corr.Grad]	1	DIN 51811
Four ball weld load:	[N]	3000	DIN 51350 - 4
Wear scar of four ball test:	[mm]	0,6	DIN 51350 - 5
FE8 tests (rolling element wear)			
536050 - 6000/ 5 - RT	v10 / v50 [mg]	<1 / <1	DIN 51819
FE9 tests (grease service lifetime)			
A / 1500 / 6000 - 120	F10/F50 [h]	42 / 54	DIN 51821
Speed range:	Unit	Ball bearings and cylindrical roller bearings	Other roller bearings*)
Speed limit n*dm	[mm/min]	1.600.000	150.000

*) not cylindrical roller thrust bearings and spherical roller thrust bearings

This copy isn't taken into account by the updating service.

The data are based on actual knowledge at the time of print and refer to the respective test method. Guaranteed properties or warranties cannot be taken over.

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