FAG SCHAEFFLER

FAG Rolling Bearing Grease

Arcanol LOAD150

Properties, applications: Bearing grease for moderate to high loads, high temperatures, especially for line contact

Characteristics		Value	Unit	Test method
Temperature range:		-20 to 140	°C	DIN 51825 / Schaeffler Spec.
Longtime limit temperature		95	°C	
Density:		0.9	kg/dm³	
Specifications:				
Thickener:		lithium complex		
Type of base oil:		mineral oil		
Base oil viscosity	at 40 °C:	160	mm²/s	DIN 51562 - 1
	at 100 °C:	15.5	mm²/s	DIN 51562 - 1
Worked penetration:		265-295	0.1 mm	DIN ISO 2137
NLGI grade:		2		DIN 51518
Drop point:		≥ 250	°C	DIN ISO 2176
Water resistance:		1-90	Range	DIN 51807 - 1
Corrosion Emcor Test:		≤ 0/0	Corr. Grade	DIN 51802
	with 0.5 % NaCl:		Corr. Grade	
Copper corrosion after 24 h/100 °C:		≤ 1	Corr. Grade	DIN 51811
FE8 tests run wear behaviour, Running time 500 hours without failure				
536048 - 750/30-RT		vWk50 ≤ 20	mg	DIN 51819
536048 - 75/80-RT		vWk50 ≤ 50	mg	DIN 51819
FE9 tests run (grease service lifetime)				
A/1500/6000-140		F50 ≥ 100	h	DIN 51821-02

Speed range:	Unit	Ball bearings and cylindrical roller bearings	Other roller bearings*)
Speed limit n*dm	mm/min	500,000	200,000

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

This copy is not 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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