



FAG Rolling Bearing Grease

Arcanol FOOD2

Properties, Universal application, improved relubricatability, grease with NSF-H1 release

applications: (food contact)

Characteristics		Value	Unit	Test method
Temperature range:		-30 to 120	°C	DIN 51825 / Schaeffler Spec.
Longtime limit temperature		70	°C	
Density:		0.9	kg/dm³	
Specifications:		NSF H1, Koscher		
Thickener:		aluminium complex		
Type of base oil:		SHC oil		
Base oil viscosity	at 40 °C:	150	mm²/s	DIN 51562 - 1
а	nt 100 °C:	18	mm²/s	DIN 51562 - 1
Worked penetration:		265-295	0.1 mm	DIN ISO 2137
NLGI grade:		2		DIN 51518
Drop point:		≥ 240	°C	DIN ISO 2176
Water resistance:		1-90	Range	DIN 51807 - 1
Corrosion Emcor Test:		≤ 1/1	Corr. Grade	e DIN 51802
with 0.5 % NaCl:			Corr. Grade	е
Copper corrosion after 24 h/100 °C:		≤ 1	Corr. Grade	e DIN 51811
FE8 tests run wear behaviour, Running time 500 hours without failure				
536048 - 75/80-RT		vWk50 ≤ 35	mg	DIN 51819
536050MP - 7.5/80-80		vWk50 ≤ 35	mg	DIN 51819
FE9 tests run (grease service lifetime)				
B/1500/6000/120		F50 ≥ 200	h	DIN 51821-02
		no failure < 100	h	
Low temperature torque				
-30 °C Start / Stead	ly-state	68 / 42	Nmm	IP 186
Speed range:	Unit	Ball bearing cylindrical rolle		Other roller bearings*)
Speed limit n*dm	mm/min	400,00	00	200,000

^{*)} not cylindrical roller thrust bearings and spherical roller thrust bearings