

Schaeffler Rolling Bearing Grease

Arcanol MULTITOP

Properties, applications: Universal application, moderate to high load, low starting temperatures, wide temperature range, very wide speed range, improved relubricatability, in special cases also for spherical roller thrust bearings

Characteristics	Value	Unit	Test method
Temperature range:	-50 to 140	°C	DIN 51825 / Schaeffler Spec.
Longtime limit temperature:	80	°C	
Density:	0.87	kg/dm ³	
Specifications:			
Thickener:	lithium soap		
Type of base oil:	mineral+SHC oil		
Base oil viscosity	at 40 °C:	82	mm ² /s
	at 100 °C:	12.5	mm ² /s
Worked penetration:	265-295	0.1 mm	DIN ISO 2137
NLGI grade:	2		DIN 51518
Drop point:	≥ 190	°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/140 °C:	≤ 2	Corr. Grade	DIN 51811
FE8 tests run wear behaviour, Running time 500 hours without failure			
536048 - 3000/10-RT	vWk50 ≤ 35	mg	DIN 51819
536048 - 75/50- -50	vWk50 ≤ 35	mg	DIN 51819
536048 - 75/80-RT	vWk50 ≤ 35	mg	DIN 51819
536050MP - 7.5/80-120	vWk50 ≤ 35	mg	DIN 51819
FE9 tests run (grease service lifetime)			
A/1500/6000-140	F50 ≥ 200	h	DIN 51821-02
	no failure < 100	h	
Low temperature torque			
-40 °C	Start / Steady-state	635 / 49	Nmm
			IP 186
Speed range:	Unit	Ball bearings and cylindrical roller bearings	Other roller bearings*)
Speed limit n*dm	mm/min	800,000	350,000

*) 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.

Edition: 26.09.2019