

Schaeffler Rolling Bearing Greas

Arcanol LOAD220

Properties, applications: Rolling bearing grease for universal applications, moderate to high loads, wide temperature range, good water resistance

Characteristics	Value	Unit	Test method
Temperature range:	-20 to 140	°C	DIN 51825 / Schaeffler Spec.
Longtime limit temperature:	80	°C	
Density:	0.9	kg/dm ³	
Specifications:			
Thickener:	lithium/calcium		
Type of base oil:	mineral oil		
Base oil viscosity at 40 °C:	245	mm ² /s	DIN 51562 - 1
at 100 °C:	20	mm ² /s	DIN 51562 - 1
Worked penetration:	265-295	0.1 mm	DIN ISO 2137
NLGI grade:	2		DIN 51518
Drop point:	≥ 180	°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:	≤ 1/1	Corr. Grade	
Copper corrosion after 24 h/120 °C:	≤ 1	Corr. Grade	DIN 51811
FE8 tests run wear behaviour, Running time 500 hours without failure			
536048 - 1500/10-RT	vWk50 ≤ 35	mg	DIN 51819
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)			
A/1500/6000-140	F50 ≥ 200	h	DIN 51821-02
	no failure < 100	h	
Low temperature torque			
-20 °C	Start / Steady-state	≤1000 / 100	Nmm
			IP 186
Speed range:	Unit	Ball bearings and cylindrical roller bearings	Other roller bearings*)
Speed limit n*dm	mm/min	500,000	300,000

*) 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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