

Schaeffler Rolling Bearing Grease

Arcanol TEMP120

Properties, applications: Bearing grease for universal application, moderate to high loads, high temperatures, low starting temperature

Characteristics	Value	Unit	Test method	
Temperature range:	-30 to 180	°C	DIN 51825 / Schaeffler Spec.	
Longtime limit temperature:	120	°C		
Density:	0.93	kg/dm ³		
Specifications:				
Thickener:	polyurea			
Type of base oil:	SHC oil			
Base oil viscosity	at 40 °C:	400	mm ² /s	DIN 51562 - 1
	at 100 °C:	40	mm ² /s	DIN 51562 - 1
Worked penetration:	265-295	0.1 mm	DIN ISO 2137	
NLGI grade:	2		DIN 51518	
Drop point:	≥ 230	°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/120 °C:	≤ 2	Corr. Grade	DIN 51811	
FE8 tests run wear behaviour, Running time 500 hours without failure				
536048 - 75/80-RT	vWk50 ≤ 30	mg	DIN 51819	
536050MP - 7.5/80-160	vWk50 ≤ 30	mg	DIN 51819	
536050MP - 7.5/80-80	vWk50 ≤ 30	mg	DIN 51819	
FE9 tests run (grease service lifetime)				
A/1500/6000-180	F50 ≥ 100	h	DIN 51821-02	
	no failure < 50	h		
Speed range:	Unit	Ball bearings and cylindrical roller bearings	Other roller bearings*)	
Speed limit n*dm	mm/min	300,000	150,000	

*) 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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