

Schaeffler Rolling Bearing Grease

Arcanol cleanM

Properties, applications: Bearing grease for cleanroom applications, moderate vacuum, high temperatures, high radiation load

Characteristics	Value	Unit	Test method
Temperature range:	-30 to 180	°C	DIN 51825 / Schaeffler Spec.
Longtime limit temperature:	90	°C	
Density:	0.95	kg/dm ³	
Specifications:			
Thickener:	polyurea		
Type of base oil:	ether oil		
Base oil viscosity	at 40 °C:	100	mm ² /s
	at 100 °C:	12.8	mm ² /s
Worked penetration:	265-295	0.1 mm	DIN ISO 2137
NLGI grade:	2		DIN 51518
Drop point:	≥ 240	°C	DIN ISO 2176
Water resistance:		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
Low temperature torque			
-30 °C	Start / Steady State	300 / 180	Nmm
Speed range:	Unit	Ball bearings and cylindrical roller bearings	Other roller bearings*)
Speed limit n*dm	mm/min	850,000	

*) 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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