

Schaeffler Rolling Bearing Grease

Arcanol MULTI3-E25B

Properties, applications: Bearing grease for moderate to high loads, low starting temperatures, wide temperature range, especially for point contact

Characteristics	Value	Unit	Test method	
Temperature range:	-30 to 130	°C	DIN 51825 / Schaeffler Spec.	
Longtime limit temperature:	70	°C		
Density:	0.94	kg/dm ³		
Specifications:				
Thickener:	lithium soap			
Type of base oil:	mineral oil			
Base oil viscosity	at 40 °C:	110	mm ² /s	DIN 51562 - 1
	at 100 °C:	10.3	mm ² /s	DIN 51562 - 1
Worked penetration:	220-250	0.1 mm	DIN ISO 2137	
NLGI grade:	3		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:		Corr. Grade	
Copper corrosion after 24 h/100 °C:	≤ 1	Corr. Grade	DIN 51811	
FE9 tests run (grease service lifetime)				
A/1500/6000-130	F50 ≥ 100	h	DIN 51821-02	
Low temperature torque				
-30 °C	Start / Steady-state	85 / 68	Nmm	IP 186
-30 °C	Start / Steady-state	110 / 53	Nmm	IP 186
Speed range:	Unit	Ball bearings and cylindrical roller bearings	Other roller bearings*)	
Speed limit n*dm	mm/min	500,000	250,000	

*) 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