

FAG Rolling Bearing Grease

Arcanol TEMP90

Properties, Universal application, moderate to high load, low starting temperature, wide applications: temperature range

| Characteristics | Unit | Value | Test method |
|---|-------------|---|-------------------------|
| Classification: | | KPHC2N-30 | DIN 51825 |
| Temperature range: | [°C] | -30 to 140 | DIN 51825 |
| Longtime limit temperature: | [°C] | 90 | |
| Density: | [kg/dm³] | 0,9 | |
| Specifications: | | | |
| Thickener: | | mixed thickener | |
| Type of base oil: | | synth. oil | |
| Base oil viscosity at 40 °C: | [mm²/s] | ≥ ISO VG 100 | DIN 51562 - 1 |
| Worked penetration: | [0,1 mm] | 265-295 | DIN ISO 2137 |
| NLGI grade: | | 2 | DIN 51518 |
| Drop point: | [°C] | ≥ 220 | DIN ISO 2176 |
| Water resistance: | [Range] | ≤ 1-90 | DIN 51807 - 1 |
| Corrosion Emcor Test: | [grad] | ≤ 1/1 | DIN 51802 |
| 0,5 % NaCl: | [grad] | --- | |
| Copper corrosion after 24 h/120 °C: | [Corr.Grad] | 1 | DIN 51811 |
| FE8 tests run wear behaviour Running time 500 hours, no failure | | | |
| 536048 - 1500/10-RT | [mg] | vWk50 ≤ 35 mg | DIN 51819 |
| 536048 - 75/80-120 | [mg] | vWk50 ≤ 35 mg | DIN 51819 |
| 536050MP - 7,5/80-120 | [mg] | vWk50 ≤ 35 mg | DIN 51819 |
| 536050MP - 7,5/80-80 | [mg] | vWk50 ≤ 35 mg | DIN 51819 |
| FE9 tests run (grease service lifetime) | | | |
| A/1500/6000-140 | [h] | F50 ≥ 200 h | DIN 51821-02 |
| | [h] | no failure < 100 h | |
| 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.

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