

Special lubricants

LESA 2

Grease developed for SKF Energy Efficient spherical roller bearings

SKF LESA 2 grease combines a fully synthetic polyalphaolefine (PAO) base oil with a unique lithium soap thickener. This premium quality, low friction grease has been specially developed for SKF Energy Efficient spherical roller bearings.

- Low friction torque
- Helps to minimise energy losses due to friction
- Quiet running
- Extremely good oxidation stability and resistance to water



Technical data

Designation LESA 2/(pack size)

DIN 51825 code	KP2G-50
NLGI consistency class	2
Soap type	Lithium
Colour	Beige
Base oil type	PAO
Temperature range	-50 to +110 °C (-60 to +230 °F)
Dropping point DIN ISO 2176	180 min. (356 min.)
Base oil viscosity	
40 °C, mm ² /s	18
100 °C, mm ² /s	4,5
Penetration DIN ISO 2137	
60 strokes, 10 ⁻¹ mm	265-295
100 000 strokes, 10 ⁻¹ mm	+50 max. (325 max.)
Mechanical stability	
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	380 max.

Corrosion protection

Emcor:
- standard ISO 11007 0-1

Water resistance

DIN 51 807/1,
3 hrs at 90 °C 1 max.

Oil separation

DIN 51 817,
7 days at 40 °C, static, % <4

Copper corrosion

DIN 51 811, 110 °C 1 max. 100 °C (210 °F)

Rolling bearing grease life

ROF test
L₅₀ life at 20 000 r/min, hrs >1 000, 110 °C (230 °F)

EP performance

4-ball test,
welding load DIN 51350/4, N 2 000 min.

Available packsizes

420 ml cartridge
1, 5, 18 kg can