

LGEV 2



Extremely high viscosity bearing grease with solid lubricants

SKF LGEV 2 is a mineral oil based grease, using a lithium-calcium soap. Its high content of molybdenum disulphide and graphite, in conjunction with an extremely high viscosity oil, provide outstanding protection under the harshest conditions involving high loads, slow rotations and severe vibrations.

- Extremely suitable for lubricating large sized spherical roller bearings subject to high loads and slow rotations, a situation where microslip is likely to occur
- Extremely mechanically stable providing good water resistance and corrosion protection

Typical applications

- Trunnion bearings on rotating drums
- Support and thrust rollers on rotary kilns and dryers
- Bucket wheel excavators
- Slewing ring bearings
- High pressure roller mills
- Crushers

Available pack sizes

Packsize	Designation
35 g tube	LGEV 2/0.035
420 ml cartridge	LGEV 2/0.4
5 kg can	LGEV 2/5
18 kg pail	LGEV 2/18
50 kg drum	LGEV 2/50
180 kg drum	LGEV 2/180
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Technical data

Designation	LGEV 2	
DIN 51825 code	KPF2K-10	Corrosion protection
NLGI consistency class	2	Emcor: – standard ISO 11007
Thickener	Lithium/calcium	– water washout test
Colour	Black	– salt water test (100% seawater)
Base oil type	Mineral	Water resistance
Operating temperature range	–10 to +120 °C (15 to 250 °F)	DIN 51 807/1, 3 hrs at 90 °C
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Oil separation
Base oil viscosity		DIN 51 817, 7 days at 40 °C, static, %
40 °C, mm ² /s	1 020	Copper corrosion
100 °C, mm ² /s	58	DIN 51 811
Penetration DIN ISO 2137		EP performance
60 strokes, 10 ⁻¹ mm	265–295	Wear scar DIN 51350/5, 1 400 N, mm
100 000 strokes, 10 ⁻¹ mm	325 max.	4–ball test, welding load DIN 51350/4
Mechanical stability		Shelf life
Roll stability, 72 hrs at 100 °C, 10 ⁻¹ mm	+50 max.	5 years
V2F test	'M'	

¹⁾ Typical value