

SKF Bearing Grease

Extremely high viscosity bearing grease with solid lubricants

LGEV 2

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 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

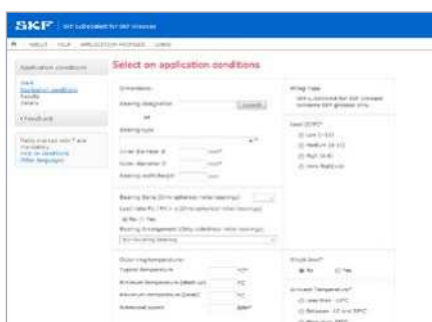
Packsize	Designation
35 g tube	LGEV 2/0.035
420 ml cartridge	LGEV 2/0.4
5 kg can	LGEV 2/5
18 kg pail	LGEV 2/18
50 kg drum	LGEV 2/50
180 kg drum	LGEV 2/180
Electro-mechanical lubricant dispensers	
TLMR 101 series 380 ml refill (incl. battery)	LGEV2/MR380B
TLMR 201 series 380 ml refill	LGEV 2/MR380



Technical data

Designation	LGEV 2/(pack size)		
DIN 51825 code	KPF2K-10	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Lithium/calcium	– water washout test	0–0
Colour	Black	Water resistance	
Base oil type	Mineral	DIN 51 807/1,	
Operating temperature range	–10 to +120 °C (15 to 250 °F)	3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm ² /s	1 300	7 days at 40 °C, static, %	1–5
100 °C, mm ² /s	47.5	Rolling bearing grease life	
Penetration DIN ISO 2137		RÖF test, L ₅₀ life at 10 000 r/min., hrs	1 000 min. at 100 °C (210 °F)
60 strokes, 10 ^{–1} mm	265–295	Copper corrosion	
100 000 strokes, 10 ^{–1} mm	+50 max.	DIN 51 811	1 max. at 100 °C (210 °F)
Mechanical stability		EP performance	
Roll stability, 72 hrs at 100 °C, 10 ^{–1} mm	+50 max.	Wear scar DIN 51350/5, 1 400 N, mm	1,2 max.
V2F test	'M'	4-ball test, welding load DIN 51350/4	3 000 min.
		Shelf life	5 years

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

skf.com | skf.com/lubrication | skf.com/mapro

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