

SKF Bearing Grease

Low temperature, extremely high speed bearing grease

LGLT 2

SKF LGLT 2 is a fully synthetic oil based grease using lithium soap. Its unique thickener technology and low viscosity oil (PAO) provide excellent lubrication performance at low temperatures $-50\text{ }^{\circ}\text{C}$ ($-60\text{ }^{\circ}\text{F}$) and extremely high speeds (n_{d_m} values of $1,6 \times 10^6$ can be reached).

- Low friction torque
- Quiet running
- Extremely good oxidation stability and resistance to water

Typical applications

- Textile spinning spindles
- Machine tool spindles
- Instruments and control equipment
- Small electric motors used in medical and dental equipment
- In-line skates
- Printing cylinders



Available pack sizes

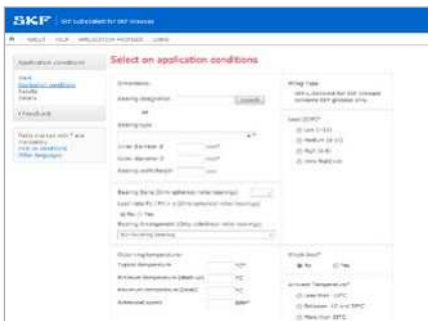
Packsizes	Designation
420 ml cartridge	LGLT 2/0.4
0,9 kg can	LGLT 2/1
16 kg pail	LGLT 2/18



Technical data

Designation	LGLT 2/(pack size)		
DIN 51825 code	KHC2G-50	Corrosion protection	Emcor: – standard ISO 11007 0–1
NLGI consistency class	2	Water resistance	DIN 51 807/1, 3 hrs at 90 °C 1 max.
Thickener	Lithium	Oil separation	DIN 51 817, 7 days at 40 °C, static, % 1-5
Colour	Beige	Copper corrosion	DIN 51 811 1 max. at 100 °C (210 °F)
Base oil type	Synthetic (PAO)	Rolling bearing grease life	R0F test >1 000, L ₅₀ life at 10 000 r/min., hrs 20 000 r/min. at 100 °C (210 °F)
Operating temperature range	–50 to +110 °C (–60 to +230 °F)	EP performance	4–ball test, welding load DIN 51350/4, N 2 000 min.
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Shelf life	5 years
Base oil viscosity			
40 °C, mm ² /s	17		
100 °C, mm ² /s	3.8		
Penetration DIN ISO 2137			
60 strokes, 10 ⁻¹ mm	265–295		
100 000 strokes, 10 ⁻¹ mm	+50 max.		

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

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