

SKF Bearing Grease

# High performance, high temperature bearing grease

## LGHP 2

SKF LGHP 2 is a premium quality mineral oil based grease, using a modern Polyurea (di-urea) thickener. It is suitable for electric motors and similar applications.

- Extremely long life at high temperatures
- Wide temperature range
- Excellent corrosion protection
- High thermal and mechanical stability
- Good start-up performance at low temperatures
- Compatibility with common polyurea and lithium thickened greases
- Low noise properties

### Typical applications

- Electric motors: Small, medium and large
- Industrial fans, including high speed fans
- Water pumps
- Rolling bearings in textile, paper processing and drying machines
- Applications with medium and high speed ball (and roller) bearings operating at medium and high temperatures
- Clutch release bearings
- Vertical shaft applications
- Kiln trucks and rollers



### Available pack sizes

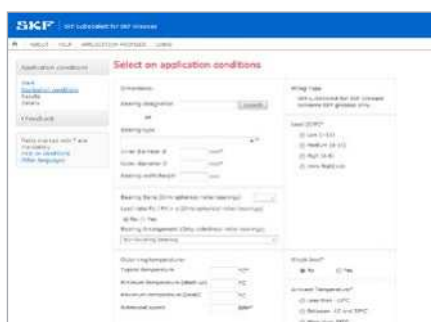
Packsize	Designation
420 ml cartridge	LGHP 2/0.4
1 kg can	LGHP 2/1
5 kg can	LGHP 2/5
18 kg pail	LGHP 2/18
50 kg drum	LGHP 2/50
180 kg drum	LGHP 2/180



## Technical data

Designation	LGHP 2/(pack size)		
DIN 51825 code	K2N-40	Corrosion protection	
NLGI consistency class	2-3	Emcor: – standard ISO 11007	0-0
Thickener	Di-urea	– water washout test	0-0
Colour	Blue	– salt water test (0.5% NaCl)	0-0
Base oil type	Mineral	Water resistance	
Operating temperature range	-40 to +150 °C (-40 to +300 °F)	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>240 °C (>465 °F)	Oil separation	
Base oil viscosity		DIN 51 817, 7 days at 40 °C, static, %	3 max.
40 °C, mm <sup>2</sup> /s	96	Lubrication ability	
100 °C, mm <sup>2</sup> /s	10,5	R2F, running test B at 100 °C	Pass
Penetration DIN ISO 2137		Copper corrosion	
60 strokes, 10 <sup>-1</sup> mm	245-275	DIN 51 811	1 max. at 150 °C (300 °F)
100 000 strokes, 10 <sup>-1</sup> mm	365 max.	Rolling bearing grease life	
Mechanical stability		ROF test	1 000 min.
Roll stability, 50 hrs at 80 °C, 10 <sup>-1</sup> mm	365 max.	L <sub>50</sub> life at 10 000 r/min., hrs	at 150 °C (300 °F)
		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](http://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](http://skf.com/lubeselect)

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