

SKF Bearing Grease

Electric motor bearing grease

LGHQ 2

SKF LGHQ 2 is a mineral oil based grease using a di-urea thickener. It is suitable for electric motors and similar applications. It is specifically designed for usage with single point lubricators.

- Excellent dispensability in lubricators
- Extremely long grease life
- Wide temperature range
- High thermal and mechanical stability
- Excellent corrosion protection

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
- Vertical shaft applications



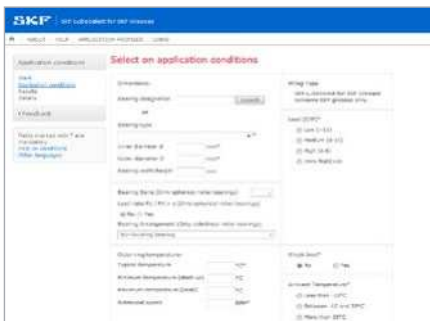
Available pack sizes

Packsize	Designation	Packsize	Designation
420 ml cartridge	LGHQ 2/0.4	Electro-mechanical lubricators	
1 kg can	LGHQ 2/1	TLSD series 125 ml	TLSD 125/HQ2
5 kg can	LGHQ 2/5	TLSD series 125 ml refill	LGHQ 2/SD125
18 kg pail	LGHQ 2/18	TLSD series 250 ml	TLSD 250/HQ2
Gas driven lubricators		TLSD series 250 ml refill	LGHQ 2/SD250
LAGD series 60 ml	LAGD 60/HQ2	Electro-mechanical lubricant dispensers	
LAGD series 125 ml	LAGD 125/HQ2	TLMR 101 series 380 ml refill	LGHQ 2/MR380B
		TLMR 201 series 380 ml refill (excl. battery)	LGHQ 2/MR380



Technical data			
Designation	LGHQ 2/(pack size)		
DIN 51825 code	K2P-30	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Di-urea	– water washout test	0–1
Colour	Blue	– 0.5 % NaCl	2-2
Base oil type	Mineral	Water resistance	
Operating temperature range	–30 to +160 °C (–2 to +320 °F)	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>260 °C (>500 °F)	Oil separation	
Base oil viscosity		DIN 51 817, 7 days at 40 °C, static, %	1–3
40 °C, mm ² /s	110	Copper corrosion	
100 °C, mm ² /s	12	DIN 51 811	2 max. at 100 °C
Penetration DIN ISO 2137		Rolling bearing grease life	
60 strokes, 10 ⁻¹ mm	265–295	R0F test	1 000 min.
100 000 strokes, 10 ⁻¹ mm	385 max.	L ₅₀ life at 10 000 r/min., hrs	at 160 °C (302 °F)
Mechanical stability		EP performance	
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	385 max.	Wear scar DIN 51350/5, 1 400 N, mm	1 max.
		4-ball test, welding load DIN 51350/4, N	2600 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

* SKF is a registered trademark of AB SKF (publ).

© SKF Group 2024. All rights reserved. Please note that this publication may not be copied or distributed, in whole or in part, unless prior written permission is granted.

Every care has been taken to ensure the accuracy of the information contained in this publication, but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB MP/P8 18858/4 EN · January 2024

Certain image(s) used under license from Shutterstock.com.