

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

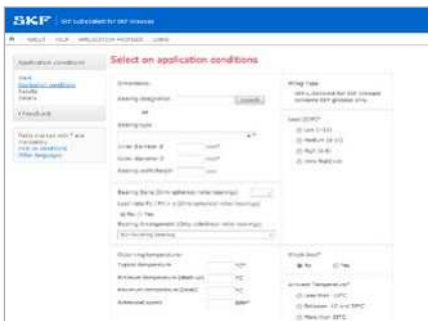
Packsize	Designation	Packsize	Designation
420 ml cartridge	LGHQ 2/0.4	Electro-mechanical lubricators	
1 kg can	LGHQ 2/1	TLSD series 125 ml	TLSD 125/HQ2
5 kg can	LGHQ 2/5	TLSD series 125 ml refill	LGHQ 2/SD125
18 kg pail	LGHQ 2/18	TLSD series 250 ml	TLSD 250/HQ2
Gas driven lubricators		TLSD series 250 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	Water resistance	
Base oil type	Mineral	DIN 51 807/1,	
Operating temperature range	–30 to +160 °C (–2 to +320 °F)	3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>260 °C (>500 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm ² /s	110	7 days at 40 °C, static, %	1–3
100 °C, mm ² /s	12	Copper corrosion	
Penetration DIN ISO 2137		DIN 51 811	1b max. at 100 °C
60 strokes, 10 ⁻¹ mm	265–295	Rolling bearing grease life	
100 000 strokes, 10 ⁻¹ mm	385 max.	ROF test	1 000 min.
Mechanical stability		L ₅₀ life at 10 000 r/min., hrs	at 160 °C (302 °F)
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	385 max.	EP performance	
		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

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