



Image may differ from product. See technical specification for details.

## LGHB 2/0.4

### High load, high temperature, high viscosity bearing grease

A high viscosity, mineral oil based grease, using the latest complex calcium-sulphonate soap technology. Formulated to withstand high temperatures and extreme loads, it is suitable for a wide range of applications, especially in cement, mining and metal segments. This grease contains no additives and the extreme pressure properties arise from the soap structure.

- Excellent load capacity, anti-oxidation and corrosion protection even with large water ingress
- Withstands high peak temperatures

## Overview

### Dimensions

Product weight	0.882 lb
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### Performance

Recommended applications	Plain bearings Conveyors Applications with high loads and low speed
Suitable for High load applications	++
Suitable for Vertical shaft applications	0
Suitable for applications with Oscilating movements	++
Suitable for applications with Severe vibrations	+
Suitable for applications that require Rust protection	++
Suitable for applications that require Water resistance	++
Suitable for applications that require Frequent start-up	++
Speed (max.) n x dm (x 1000)	300
Operating temperature range	-4.0 – 302.0 °F
Dropping point (min) ISO 2176	428 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10 <sup>-1</sup> mm)	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 <sup>-1</sup> mm	-20 to +50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 <sup>-1</sup> mm	-20 to +50
Mechanical stability, V2F test, 144 hrs	M
Corrosion protection, Emscor, ISO 11007, Distilled water	0-0
Corrosion protection, Emscor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emscor, ISO 11007 modified, 0.5% NaCl	0-0
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1
Oil separation DIN 51817, 40°C, %	1-3 at 60°C
Lubrication ability, R2F test B at 120°C	Pass at 140°C
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	2 max. at 150°C
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 130°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	0.079 in
EP performance - 4 ball - Weld load (min.) DIN 51350/4	899 lbf

### Properties

DIN 51825 code	KP2N-20
NLGI consistency class	2
Thickener	Calcium sulphonate complex
Colour	Brown
Base oil type	Mineral
Base oil viscosity DIN 51562 at 40 °C	425 mm <sup>2</sup> /s
Base oil viscosity DIN 51562 at 100 °C	27.5 mm <sup>2</sup> /s
Shelf life	5 year
Packsize	420 ml cartridge
Available for single point lubrication	yes

## Logistics

Product net weight	0.8818 lb
eClass code	23-06-01-01
UNSPSC code	15121902

## Compatible products

### Recommended product

High load, high temperature, high viscosity bearing grease	<a href="#">LGHB 2/18</a>
High load, high temperature, high viscosity bearing grease	<a href="#">LGHB 2/180</a>
High load, high temperature, high viscosity bearing grease	<a href="#">LGHB 2/5</a>
High load, high temperature, high viscosity bearing grease	<a href="#">LGHB 2/50</a>

### Recommended tool

SKF Battery Driven Grease Gun TLGB 20	<a href="#">TLGB 20</a>
Battery driven grease gun (110V charger)	<a href="#">TLGB 20/110V</a>
SKF Lincoln Battery Driven Grease Gun TLGB 1262-E	<a href="#">TLGB 1262-E</a>
SKF Lincoln Battery Driven Grease Gun TLGB 1886-E	<a href="#">TLGB 1886-E</a>

SKF Grease Gun TLGH 1	<a href="#">TLGH 1</a>
SKF Grease Gun 1077600	<a href="#">1077600</a>
SKF Grease Gun 1077600 H	<a href="#">1077600 H</a>
SKF Grease Gun 1077600/SET	<a href="#">1077600/SET</a>
SKF Grease Gun LAGH 400	<a href="#">LAGH 400</a>



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