



SKF LGHP 2/5

High performance, high temperature bearing grease

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

Technical specifications

Dimensions	
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0

Performance	
Suitable for High load applications	●●●●○
Suitable for Vertical shaft applications	●●●●○
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	●●●●○
Operating temperature range	Array °C
Load Range	Low - Medium C/P > 8
Speed Range	Medium - High
Dropping point (min) ISO 2176	240 °C
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	245 - 275
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	365 max.
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	365 max.
Mechanical stability, V2F test, 144 hrs	-
Corrosion protection, Emcor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emcor, 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, %	3 max.
Lubrication ability, R2F test B at 120°C	Pass at 100°C
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1 max. at 150°C
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 150°C

Properties	
Category	Bearing grease
Lubricant	LGHP 2
NLGI consistency class	2-3
Base oil viscosity DIN 51562 at 40 °C	96 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	10.5 mm ² /s
Biodegradable	No
DIN 51825 code	K2N-40
Thickener	Polyurea
Colour	Blue
Base oil type	Mineral
Shelf life	5 year
Available for single point lubrication	no

Logistics	
Product net weight	5 kg
eClass code	23-06-01-01
UNSPSC code	15121902