

TURMOGREASE Highspeed L 252

K P HC 2/3 K -50

Member of the FUCHS Group

Date of issue: 18.11.2024

TURMOGREASE Highspeed L 252 is regarded as universal grease for highspeed rolling bearings.

Special properties

- Very high speed factor
- Excellent smooth running properties
- Very good low temperature properties
- Long grease service life
- High operating reliability

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,91	g/cm³	DIN EN ISO 2811-1
Operating temperature range	-50 to 120	°C	
Thickener	Lithium special soap		
Base oil	SHC / Ester		
Kin. viscosity of the base oil at 40°C	25	mm²/s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	6	mm²/s	DIN EN ISO 3104
Worked penetration	250 – 265	mm/10	DIN ISO 2137
Consistency class (NLGI)	2 – 3		DIN 51818
Dropping point	> 250	°C	DIN ISO 2176
Resistance to water	1 – 90		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	approx. 2 200 000	mm/min	
Oil separation at 8°C	0,4	%	DIN 51817
Oil separation at 40°C/168 h	1,5	%	DIN 51817
Oil separation at 100°C	8,5	%	DIN 51817
FE8-Tests B-6000/50-90 running time without failure	> 500	h	DIN 51819
FE9-Tests A/1500/6000-120 F50	> 400	h	DIN 51821
Noise class FAG MGG-11	≤ II/1		ISO 21250
Starting /running torque at -50°C	131 / 106	mNm	ASTM D 1478
Four-ball test O.K. load / welded load	2200 / 2400	N	DIN 51350

Application

TURMOGREASE Highspeed L 252 is used in spindle bearing arrangements of machine tools, e. g. grinding, milling and motor spindle units (spindle units driven by an integrated motor).
TURMOGREASE Highspeed L 252 is preferably used in spindle bearings and cylindrical roller bearings of a bore size below d = 100 mm of the inner ring.

Packaging units

25 x 100 g tubes, 20 x 400 g cartridges, 6 x 0,5 kg cans, 6 x 1 kg cans, 5 kg bucket, 25 kg hobbock, 50 kg hobbock, 180 kg drum

The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

LUBRICANT CONSULT GMBH · Gutenbergstrasse 13 · 63477 Maintal (Germany)
Tel: +49 (0) 6109 / 7650-0 · Fax: +49 (0) 6109 / 7650-51 · E-Mail: webmaster@lubcon.com · Internet: http://www.lubcon.com