

# ASONIC HQ 72-102

High-temperature lubricating grease for low-noise rolling bearings



## Benefits for your application

- High-temperature lubricating grease for rolling bearings
- High purity
- Low noise
- Good water resistance

## Description

ASONIC HQ 72-102 is a synthetic high-temperature lubricating grease. Due to the careful selection of product components and the clean manufacturing environment, ASONIC HQ 72-102 is a rolling bearing grease with a particularly low noise level.

## Application

In a wide variety of ball bearings operating under extreme thermal stress, ASONIC HQ 72-102 is used for economical long-term or lifetime lubrication. Examples are ball bearings in electric motors, fans, power-tool pumps, textile machinery, office equipment, household appliances and automobile components such as belt tensioners, guide pulleys and air conditioners.

## Application notes

The lubricant is applied by means of a spatula, brush, grease gun or grease cartridge. For use in automatic lubricating systems, the pumpability of the lubricant should be checked. Certain polyurea greases solidify during elongated periods of storage. Normally, such increase in consistency does not affect the performance of the lubricating grease and is reversible when the grease is subjected to shearing or working stress.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	ASONIC HQ 72-102
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	ASONIC HQ 72-102
Article number	094060
Chemical composition, type of oil	ester oil
Chemical composition, thickener	polyurea
Lower service temperature	-40 °C / -40 °F
Upper service temperature	180 °C / 356 °F
Colour space	beige
Density at 20 °C	approx. 0.97 g/cm <sup>3</sup>
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	250 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	280 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 100 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 12 mm <sup>2</sup> /s
Speed factor (n x dm)	700 000 mm/min



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Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
SKF-ROF rolling bearing tester, axial load: 100 N, radial load: 50 N, speed: 10000 min-1, temperature: 170 °C, service life F50:	>= 1 000 h
Drop point, DIN ISO 2176, IP 396	>= 240 °C
Low-temperature torque, IP 186, -40 °C, start	<= 1 000 mNm
Low-temperature torque, IP 186, -40 °C, running	<= 150 mNm
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	<= 1 - 90
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 months

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Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

**Klüber Lubrication München SE & Co. KG /  
Geisenhausenerstraße 7 / 81379 München / Germany /  
phone +49 89 7876-0 / fax +49 89 7876-333.**

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