

# ASONIC HQ 72-102

High-temperature lubricating grease for low-noise rolling bearings



## Your benefits at a glance

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

## Your requirements - our solution

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 18 kg	+
Bucket 25 kg	+
Bucket 50 kg	+
Drum 180 kg	+

Characteristics	ASONIC HQ 72-102
Article number	094060
Composition, thickener	polyurea
Composition, type of oil	ester oil
Colour space	beige

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Characteristics	ASONIC HQ 72-102
Service temperature, lower limit	-40 °C
Service temperature, upper limit	180 °C
Density, Klüber method: PN 024, 20°C	approx. 0.97 g/cm <sup>3</sup>
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	250 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	280 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 12 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 100 mm <sup>2</sup> /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Low temperature torque, IP 186, -40°C, running torque	≤ 150 mNm
Low temperature torque, IP 186, -40°C, starting torque	≤ 1000 mNm
Dropping point, DIN ISO 2176 / IP 396	≥ 240 °C
ROF rolling bearing test, Klüber method: axial load: 100 N / radial load: 50 N / 10000 min <sup>-1</sup> / 1.5 cm <sup>3</sup> , equipment: SKF grease testing machine, 170°C, service life F50	≥ 1000 h
Speed factor (n x dm)	700000 mm/min
Water resistance, DIN 51807-1, 3 h, 90°C	≤ 1 - 90 rating
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 24 months	

## Klüber Lubrication – your global specialist

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 95 years.

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