

## Q8 Ruysdael SMC 1002

Lithium-Calcium grease for heavily loaded industrial applications

### Description

Q8 Ruysdael SMC 1002 is an extremely performant lithium calcium thickened grease that is developed specially for low speed plain and slow moving heavily (shock) loaded bearings. The presence of 5% solid lubricants graphite and molybdenum disulphide ensures exceptional protection. Q8 Ruysdael SMC 1002 contains a high-viscous mineral oil that forms a stable and adhesive lubricating film.

### Applications

Q8 Ruysdael SMC 1002 is applied in low speed plain and roller bearings typically used in Steel, Mining and Cement industry (SMC) such as ball and pebble mills, rotary breakers, rolling mills, grinding rod mills and other heavily and shock loaded spherical roller bearings. It is also used in rock drilling equipment.

### Benefits

- Improves the durability of the equipment thanks to its characteristics
- Extreme high load carrying capacity
- Extreme reduction of wear under boundary lubrication conditions
- Exceptional roll stability

### Specifications & Approvals

DIN

51502 KPF2K-20

ISO

12924: L-XB(F)CHB2

### Properties

	Method	Unit	Typical
Soap type	-	-	Lithium Calcium
Colour	Visual	-	Black
Consistency, NLGI No.	NLGI	-	2
Penetration, Worked, 25 °C, 60 strokes	D 217	0.1 mm	265-295
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	1000
Four Ball Test, Weld Load	IP 239	N	4400

The figures above are not a specification. They are typical figures obtained within production tolerances.