

# Berutox FH 28 KN

Fully synthetic high temperature grease



## Examples of Application

- Plain and roller bearings
- Bearings in annealing and drying furnaces subjected to extreme temperatures
- Rotary kilns
- Cooling beds
- Conveyor systems
- Hot air fans
- Electrical motors
- Waste gas fans for aggressive media
- Gate valves in bulk material container systems
- Ejector pins in plastic injection moulds
- Switches for household appliances, e.g. stove switches

## Properties

- Excellent consistency-temperature behaviour
- Very good corrosion and wear protection
- Very good water resistance
- Extreme-Pressure properties

## Characteristic data

- Service temperature range: -30 °C to +180 °C, short-term peak +200 °C
- Appearance: beige
- NLGI grade: 1 – 2
- Denomination acc. to DIN 51502: KP HC 1-2 R-30
- Speed index (n x d<sub>m</sub>): 400 000

## Approvals/References/Certificates

- NSF-H2



Thickener	Polyurea		
Worked penetration	1/10 mm	285 - 315	DIN ISO 2137
Change in penetration 100.000 to 60 DS	1/10 mm	max. 50	DIN ISO 2137
Drop point	°C	≥ 240	IP 396
Water resistance	evaluation grade	1 - 90	DIN 51807-1
Corrosion protection (EMCOR-TEST)	degree of corrosion	0 and 0	DIN 51802
Base oil	Polyalphaolefin		
Kin. viscosity at 40 °C	mm <sup>2</sup> /s	approx. 400	DIN 51562
Kin. viscosity at 100 °C	mm <sup>2</sup> /s	approx. 40	DIN 51562

## Instructions for use

- Prior to serial production product compatibility tests are recommended

## Lubrication Solutions for Industry

BECHEM develops, produces and sells high-performance lubricants and process media all over the world. The product range covers the fields of special lubricants, lubricants for industry and lubricants for metal working and forming technology. All product formulations are based on latest tribological knowledge.