

# Berutox M 21 KN

High temperature grease



## Examples of Application

- Bearings of guide rollers of continuous casters
- Hot slab transportation systems in metallurgical plants
- Bearings of furnaces such as annealing and drying furnaces subjected to extreme temperatures
- Slide tracks of travelling grate furnaces and sinter machines
- Rotary kilns
- Roller and plain bearings
- Cooling beds
- Conveyor systems
- Hot air fans
- Electric motors
- Waste gas fans for aggressive media
- Gate valves in bulk material container systems
- Textile machines

## Properties

- Excellent consistency/temperature properties
- High corrosion protection
- Very good water resistance
- Very good wear protection
- Excellent pumpability
- Extreme pressure properties

## Characteristic data

- Service temperature: -20 °C to +180 °C,
- Appearance: light brown
- NLGI grade: 1 - 2
- Denomination acc. to DIN 51502: KP 1-2 P-20
- Speed index (n x d<sub>m</sub>): 400.000
- Fulfills all items of the specification KP 2 K-20 according to DIN 51825

## Approvals/References

- With this specification lubricating greases acc. to works standard SN 180 Part 1 of SMS Demag AG are approved for the use in roller and plain bearings of metallurgical machinery
- Siemens VAI
- Danieli

Thickener	Polyurea		
Worked penetration	1/10 mm	290 – 310	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	Mineral oil		
Kin. viscosity at 40 °C	mm <sup>2</sup> /s	approx. 490	DIN 51562
Kin. viscosity at 100 °C	mm <sup>2</sup> /s	approx. 32	DIN 51562

## Instructions for use

- Prior to serial application product compatibility tests are recommended.

The above data correspond to latest technology, modifications reserved. This information is intended as a guide and does not necessarily represent a marketing specification. In individual cases tests have to be carried out by the consumer. Further data upon request.

## 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.

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