

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
- Bearings of pellet presses
- 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 pump ability
- 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 ($n \times d_m$): 400.000
- Fulfils 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 ² /s	approx. 490	DIN 51562
Kin. viscosity at 100 °C	mm ² /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.



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