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Datasheet TEBRM85



TEBRM85 is a kind of steel-lead bronze alloy based bearing embedded with a particular composition of solid lubricants. The spiral diamond embedded in solid oil ensures high strength and high load capacities. With a lubrication area of 25% on the bearing surface, the bushing shows improved performance in terms of good lubrication and anti-wear. This bearing type is widely used in gearboxes for automobiles, generators, cranes and machines for the metallurgical industry.

Application

Material

Steel-lead bronze alloy with solid lubricants.

Availablity

	Value	Unit
Inside diameter	on request	
Outside diameter	on request	
Flange diameter	on request	
Flange height	on request	
Total length	on request	

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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TEBRM85 - Specifications

Physical properties

	Test standard	Value	Unit

Mechanical properties

	Test standard	Value	Unit
Compressive strength static		on request	
Module of elasticity - Youngs modulus		on request	
Tensile strength		on request	
Shear strength		on request	
Impact strength		on request	
Hardness		on request	
Dynamic load capacity		on request	
Speed limit v max dry		4	m/s

Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		260	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic	pin-on-ring/dry against steel	0.06-0.2	[-]
Max. sliding speed		4	m/s
Max. Pv-load dry		on request	
Max. Pv-load oil lubricated		on request	
Max. Pv-load on regular greased		on request	

Electrical properties

	Test standard	Value	Unit

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