

## 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.

### Availability

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

## TEBRM85 - Specifications

### Physical properties

	Test standard	Value	Unit
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### 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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