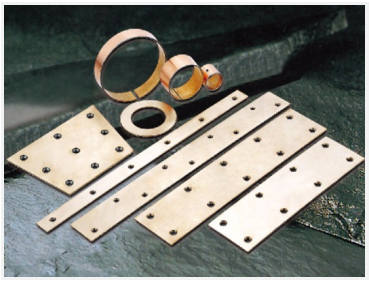
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Datasheet TETF01



TETF01 self-lubricating bearings are optimised on the basis of TE80 bimetallic bushings. The bearing offers excellent anti-friction properties. It works even when no oil is used. The graphite in the bushings provides excellent protection of the shaft against seizure when working in high temperatures or without oil lubrication. The bushings can be used for guiding rubber tyre moulds and parts of water turbines that slide at high speed.

Application

Material

Bronze alloy with graphite.

Availablity

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

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TETF01 - 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		150	N/mm²

Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		300	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic	pin-on-ring/dry against steel	0.05-0.18	[-]
Max. sliding speed		on request	
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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