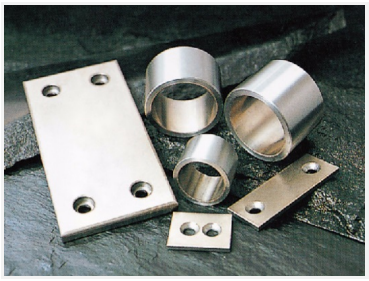
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Datasheet TETF02



TETF02 is a new self-lubricating bearing that is suitable for operating at high temperatures. It offers much better protection against rust and high temperatures than the TETF01 series. It is widely used in outdoor rail switches because of its anti-friction performance. It is also maintenance-free. It is also used as a wear plate in moulds for the automotive industry, guide plate for high-speed punching machines and metalworking machines.

Application

Material

Nickel Graphite bearing material

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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TETF02 - 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		73.5	N/mm²

Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		600	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic	pin-on-ring/dry against steel	0.03-0.18	[-]
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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