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Datasheet TEFU02



TEFU02 sintered iron power bearings can avoid seizing the shaft due to the oil content in the bushing. Like bronze power bushings, TEFU02 bushing has a good anti-friction performance if it works under low load. It can be widely used in sliding parts of textile machines, electric tools, shock absorbers of automobiles, and motorcycles. Under static conditions, it can be used as base housing for guiding and fixing positions.

Application

Material

Sintered iron.

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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TEFU02 - 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		45	MPa

Thermal properties

	Test standard	Value	Unit
Min. working temperature		-80	°C
Max. working temperature		160	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		on request	
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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