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Datasheet TEFU01



TEFU01 sintered bronze bearing, and its bronze powder is pressed under high pressure and sintered under high temperature. After that, it is oil-impregnated for better lubrication. It can be used under conditions of medium speed and low load. It can work without oil for a short time, and it is cost-effective and high precision in dimension. It is widely used in mini electrical parts, home appliances, electrical tools, textile machines, the chemical industry, the auto industry, office equipment, etc.

Application

Material

Sintered bronze.

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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TEFU01 - 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		35	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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