

## Datasheet TEP4



TEP4 consists of a steel backing with sintered porous bronze alloy, PTFE and polymer coating. TEP4 is lead-free and has good anti-wear, anti-fatigue, anti-punching and high bonding performance. It can now be applied as a substitute for TED1 and TEP1 type bearings.

### Application

### Material

Steel bearing made of 3 layers.

### Availability

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

## TEP4 - 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		140	MPa

### Thermal properties

	Test standard	Value	Unit
Min. working temperature		-195	°C
Max. working temperature		280	°C
Intermittent working temperature		on request	

### Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0.03-0.18	[-]
Max. sliding speed		10	m/s
Max. Pv-load dry		4,3	MPa*m/s
Max. Pv-load oil lubricated		60	MPa*m/s
Max. Pv-load on regular greased		on request	

### Electrical properties

	Test standard	Value	Unit
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