

## Datasheet TEFDAL



TEFDAL linear motion bearing is a kind of self-lubricating linear motion item. As a substitute for a linear ball bearing, it may be used in a sliding platform for precision or mould and die machinery. TEFDAL is well-known for its obvious advantages of low noise, low cost. Besides, it can work for a long time without oil lubrication.

### Application

### Material

Aluminium with friction modifier.

### Availability

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



## TEFDAL - 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		20	MPa

### Thermal properties

	Test standard	Value	Unit
Min. working temperature		-100	°C
Max. working temperature		250	°C
Intermittent working temperature		on request	

### Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0.03-0.2	[-]
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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