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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.

Availablity

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





The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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TEFDAL - 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		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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