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Datasheet TEJDBM1



TEJDB01M high hardness impregnated brass solid lubrication bearing is improved upon TEJDB-1 by further enhancing the hardness of high hardness brass, giving rise to higher load-bearing capacity and better wear-resistant property. The products are widely used in continuous casting rolling machines, mining equipment, engineering equipment, injection-molding machines, etc. Because of its high hardness, it's difficult to machining and finishing. It’s only recommended for really high-load applications.

Application

Material

Bronze bearing with lubrication plugs.

Availablity

	Value	Unit
Inside diameter	12-160	mm
Outside diameter	33-180	mm
Flange diameter	45-170	mm
Flange height	03-okt	mm
Total length	20-150	mm

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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TEJDBM1 - 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	ASTMD785	245-275	Rockwell HB
Dynamic load capacity		120	MPa
Speed limit v max dry		0,4	m/s
Speed limit v max oil		5	m/s

Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		300	°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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