



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.

Availability

	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

## TEJDBM1 - 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	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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