

Datasheet TEJDBU1



TEJDBU1 bearing with oil grooves enables the bushing to have better lubrication. It can be used under working conditions of slow speed and heavy load. Compared with aluminium bronze material, the higher HB hardness of TEJDBU1 makes its serve time doubled. Now TEJDBU1 is mainly used in big-size gearboxes and joint grabs part of construction machines.

Application



Material



Copper bearing with spiral grooves.

Availability

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

TEJDBU1 - 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	ASTDM785	210-270	Rockwell HB
Dynamic load capacity		100	MPa
Speed limit v max dry		1,5	m/s

Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		170	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		on request	
Max. sliding speed		1,5	m/s
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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