

Datasheet TEJDB05



TEJDB05 is made of reinforced steel material Gcr15 with solid lubricant embedded in it. Its good performance part of windlass and crane. It can not be used in water or acid/alkali conditions since of high crash strength can be shown in supporting the position of hoisting machines, e.g. the sup.

Application



Material



Reinforced steel with solid lubricant.

Availability

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

TEJDB05 - 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		58-60	Rockwell HRC
Dynamic load capacity		250	MPa

Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		350	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0,04-0,17	[-]
Max. sliding speed		0,1	m/s
Max. Pv-load dry		2,5	MPa*m/s
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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