ASEC



SLIDING BEARINGS AS72J

SKU: AS72J

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Categories: Steel bearings

Features

- Wear resistant.
- Middle load capacity.
- Middle Speed Applications.
- Good anti-fatigue performance.
- Low friction coefficient.
- Maintenance-free.

Application
Suits for occasions with medium speed, medium load, with oil lubrication

Material
Steel with a sintered alloy.

AS72J is a bimetallic bearing with steel backing and sintered CuPb24Sn4 as lining. This bearing type has quite good performance in anti-wear and heavy load capacity. AS72J is recommended for medium speed and medium load. With a soft alloy plated on the bushing surface and with oil lubrication, it can be used in a high-speed internal combustion engine as well as a connecting rod.

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Availablity		Value	Unit
Min. inside diameter		10	mm
Max. outside diameter		180	mm
Flange diameter		On request	mm
Length standard		10-100	mm
Mechanical properties	Test standard	Value	Unit
Comp. strength static		200	MPa
Tensile strength		150	MPa
Shear strength		125	Mpa
Hardness		45~70	HB
Dynamic load capacity		38	MPa
Mechanical properties	Test standard	Value	Unit
Speed limit v max dry		10	m/s
Thermal properties	Test standard	Value	Unit
Min. working temperature		-80	°C
Max. working temperature		170	°C
Friction properties	Test standard	Value	Unit
Coefficient of friction dynamic	oil	0.06-0.16	[-]
Max. pv load oil lubricated		10	MPa*m/s
Max. pv load regular greased		2,8	MPa*m/s

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