ASEC



SLIDING BEARINGS AS20J(F)

SKU: AS20J(F)

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Categories: Steel bearings

Features

- Good corrosion resistance.
- Good sliding performance.
- Medium fatigue strength and load-bearing capacity.
- Good wear performance.
- High load capacity.
- Economic bearing material.

Material
Aluminium alloy.

AS20J is a bearing with a high percentage of tin and aluminum composition. It contains steel as backing and AlSn20Cu pressed as lining. The bushing has a pretty good anti-wear, anti-corrosion, load-bearing, and smooth running performance. It is broadly used under high-speed and low load conditions. AS20J can be processed into bearing shells for medium and low power internal combustion engines or bearing shells for trains, air compressors and chillers. AS20J is a good alternative for Babbitt material.

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Availablity		Value	Unit
Min. inside diameter		10	mm
Max. outside diameter		180	mm
Flange diameter		On request	
Length standard		10-100	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		200	MPa
Shear strength		125	MPa
Hardness		30~40	Rockwell HB
Dynamic load		30	MPa
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-80	°C
Max. working temperature		150	°C

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