ASEC



SLIDING BEARINGS ASBU(F)

SKU: ASBU(F)

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Categories: Copper bearings

Features

- Oil grooves for adequate lubrication.
- Works at low speeds and high loads.
- Low friction coefficient.
- Large number of sizes.
- Cost efficient bearing.
- Maintenance-free

Material
Copper bearing with spiral grooves.

ASBU 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 aluminum bronze material, the higher HB hardness of ASBU makes its serve time doubled. Now ASBU is mainly used in big-size gearboxes and joint grabs part of construction machines.

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Availablity		Value	Unit
Min. inside diameter		8	mm
Max. outside diameter		180	mm
Length standard		8-150	mm
Physical properties	**Test standard**	**Value**	**Unit**
Density		8,00	g/cm³
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		200	MPa
Tensile strength		> 750	MPa
Hardness	ASTDM785	210-270	HB
Dynamic load capacity		100	MPa
Speed limit v max dry		1,5	m/s
Elongation		>12	%
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-40	°C
Max. working temperature		170	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction		0.04-0.16	[-]
Max. sliding speed		1,5	m/s

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