ASEC



SLIDING BEARINGS ASBM(F)

SKU: ASBM(F)

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Categories: Bronze bearings

Features

- Developed for continuous movement.
- Low friction coefficient.
- High load performance.
- Large number of sizes.
- With lubrication plugs.
- Maintenance-free.

Material
Bronze bearing with lubrication plugs.

ASBM high hardness impregnated brass solid lubrication bearing is improved upon AS1B by further enhancing the hardness of high hardness brass, giving rise to higher load-bearing capacity and better wear-resistant property. The products are widely used in continuous casting rolling machines, mining equipment, engineering equipment, injection-molding machines, etc. Because of its high hardness, it's difficult to machining and finishing. It’s only recommended for really high-load applications.

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Availablity		Value	Unit
Min. inside diameter		8	mm
Max. outside diameter		180	mm
Length standard		8-150	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		200	MPa
Hardness	ASTMD785	245-275	HB
Dynamic load capacity		120	MPa
Speed limit v max dry		0,4	m/s
Speed limit v max oil		5	m/s
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-80	°C
Max. working temperature		300	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction		0.04-0.16	[-]

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