ASEC



SLIDING BEARINGS AS85B(F)

SKU: AS85B(F)

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Categories: Bronze bearings

Features

- High load performance.
- Lubrication area of 25% on the bearing surface.
- Good lubrication.
- Longer service life.
- Diamond shaped lubrication indentations.
- Maintenance-free.

Material
Steel-lead bronze alloy with solid lubricants.

AS85B is a kind of steel-lead bronze alloy based bearing embedded with a particular composition of solid lubricants. The spiral diamond embedded in solid oil ensures high strength and high load capacities. With a lubrication area of 25% on the bearing surface, the bushing shows improved performance in terms of good lubrication and anti-wear. This bearing type is widely used in gearboxes for automobiles, generators, cranes and machines for the metallurgical industry.

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Availablity		Value	Unit
Min. inside diameter		10	mm
Max. outside diameter		205	mm
Length standard		10-100	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		300	MPa
Shear strength		220	MPa
Dynamic load capacity		65	MPa
Speed limit v max dry		4	m/s
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-80	°C
Max. working temperature		260	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction dynamic	pin-on-ring/dry against steel	0.06-0.2	[-]
Max. sliding speed dry		4	m/s

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