ASEC



SLIDING BEARINGS ASFB(F)

SKU: ASFB(F)

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Categories: Bronze bearings

Features

- Long bearing life.
- High Bronze bearing Temperature range (-196/+300 degrees c).
- Wear resistant.
- For continue operating circumstances.
- Developed for screw conveyors.
- Main Bronze bearing Tenace-free.

Application
Suitable for continously working machinery.

Material
Brass with PTFE and high temperature resistant filling material.

ASFB bronze bearing has a high safety factor. It is particularly suitable for operating conditions at high temperatures where oil cannot be added or when the machine operates for long periods in succession. It is widely used in the steel metallurgical industry, including sliding paths of successive casting machines, pumps for cement grouting and spiral conveyors for cement. It can be pressed into a steel housing and work as an assembly. It can also be made as a flange type, moving in both radial and axial directions.

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Availablity		Value	Unit
Min. inside diameter		6	mm
Max. outside diameter		305	mm
Length standard		4-100	mm
Mechanical properties	Test standard	Value	Unit
Comp. strength static		200	MPa
Dynamic load capacity		140	MPa
Thermal properties	Test standard	Value	Unit
Min. working temperature		-195	°C
Max. working temperature		300	°C
Friction properties	Test standard	Value	Unit
Coefficient of friction dynamic		0.03-0.18	[-]
Max. pv load dry		4.3	MPa*m/s
Max. pv load oil lubricated		50	MPa*m/s

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