ASEC



SLIDING BEARINGS AS1FT(F)

SKU: AS1FT(F)

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Categories: Bronze bearings

Features

- Improved type of AS80J.
- Low friction and low wear.
- Graphite works good at high temperature sliding.
- High speed performance.
- Dry running.
- Maintenance-free.

Material
Bronze alloy with graphite.

AS1FT self-lubricating bearings are optimized on the basis of AS80J bimetallic bushings. The bearing offers excellent anti-friction properties. It works even when no oil is used. The graphite in the bushings provides excellent protection of the shaft against seizure when working in high temperatures or without oil lubrication. The bushings can be used for guiding rubber type molds and parts of water turbines that slide at high speed.

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Availablity		Value	Unit
Min. inside diameter		On request	mm
Max. outside diameter		On request	mm
Length standard		On request	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		200	MPa
Dynamic load capacity		150	MPa
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 dynamic	pin-on-ring/dry against steel	0.05-0.18	[-]

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