ASEC



SLIDING BEARINGS ASTC

SKU: ASTC

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Categories: Steel bearings

Features

- High wear resistance.
- High toughness.
- Stable dimension.
- Uniform hardness.
- Impact load resistance.
- Long service life.

Material
Low carbon steel.

ASTC steel bushing is made of low-carbon steel with a carbonitriding process. So the working surface formed a high hardness wear layer. This bushing has many advantages, like dimensional stabilization, hardness uniform, high wear resistance, high tenacity, impact resistance, long service life, etc. It can be used in engine rocker parts.

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Availablity		Value	Unit
Min. inside diameter		On request	mm
Max. outside diameter		On request	mm
Flange diameter		NA	mm
Length standard		On request	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		300	MPa
Hardness		700~800	HV
Dynamic load capacity		140	MPa
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-80	°C
Max. working temperature		250	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction dynamic		0.05-0.23	[-]

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