ASEC



SLIDING BEARINGS ASPK(F)

SKU: ASPK(F)

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Categories: Steel bearings

Features

- Developed for water lubrication and less oil lubrication.
- Longer service life due to the use of PEEK.
- Good Temperature-resistant.
- Good wear resistance.
- Excellent corrosion resistant.

Material
Steel bronze with PEEK.

ASPK is a new product, It consists of steel, bronze and PEEK. It has good performance when it works under water lubrication or little oil lubrication. Its PEEK layer thickness is more than 0.lmm so it has longer life. It is widely used in guiding part of high quality shock absorbers, lathes and lifting parts.

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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Availablity		Value	Unit
Min. inside diameter		6	mm
Max. outside diameter		305	mm
Flange diameter		12-53	mm
Length standard		4-40	mm
Mechanical properties	Test standard	Value	Unit
Comp. strength static		200	MPa
Dynamic load capacity		100	MPa
Thermal properties	Test standard	Value	Unit
Min. working temperature		-190	°C
Max. working temperature		300	°C
Friction properties	Test standard	Value	Unit
Coefficient of friction dynamic		0.05-0.20	[-]
Max. sliding speed		2.5	m/s
Max. pv load dry		2.8	MPa*m/s
Max. pv load oil lubricated		40	MPa*m/s

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