ASEC



SLIDING BEARINGS AS4P(F)

SKU: AS4P(F)

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Categories: Steel bearings

Features

- High bond strength between PTFE layer and copper layer.
- Excellent wear resistance.
- Good fatigue resistance and impact resistance.
- Good self-lubricating performance.
- Economic bearing.
- Maintenance-free.

Material
3 Layers steel bearing

AS4P consists of a steel backing with sintered porous bronze alloy, PTFE and polymer coating. AS4P is lead-free and has good anti-wear, anti-fatigue, anti-punching and high bonding performance. it can now be applied as a substitute for ASD and AS1P type bearings.

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Availablity		Value	Unit
Min. inside diameter		6	mm
Max. outside diameter		305	mm
Flange diameter		12-53	mm
Length standard		6-100	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		280	°C
Friction properties	Test standard	Value	Unit
Coefficient of friction dynamic		0.03-0.18	[-]
Max. sliding speed		10	m/s
Max. pv load dry		4.3	MPa*m/s
Max. pv load oil lubricated		60	MPa*m/s

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