ASEC



SLIDING BEARINGS AS2B(F)

SKU: AS2B(F)

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Categories: Bronze bearings

Features

- High wear resistant performance.
- Operates at high temperatures (around 300 degrees C).
- Longer bearing life.
- High load performance.
- With lubrication plugs.
- Maintenance-free.

Material
Bronze with graphite.

AS2B is made of bronze CuSn6Zn6Pb3 with graphite evenly embedded in it. It can work under low load, high temperature, and medium speed, e.g. in a fireplace gate, a conveying system of the baking furnace, rubber machines, light industry, machine tools industry, etc.

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Availablity		Value	Unit
Min. inside diameter		8	mm
Max. outside diameter		180	mm
Length standard		10-150	mm
Physical properties	**Test standard**	**Value**	**Unit**
Density	ASTM D792	8	g/cm³
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		200	MPa
Tensile strength		> 250	MPa
Hardness		80-100	HB
Dynamic load capacity		60	MPa
Elongation		>4	%
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-80	°C
Max. working temperature		350	°C
Friction properties	**Test standard**	**Value**	**Unit**
Friction factor		0.04-0.15	[-]
Max. sliding speed		2	m/s
Max. pv load dry		0.5	MPa*m/s
Max. pv load oil lubricated		3.8	MPa*m/s

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