ASEC



SLIDING BEARINGS AS5B(F)

SKU: AS5B(F)

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Categories: Steel bearings

Features

- High compression resistance.
- Operates at high temperatures (around 350 degrees C).
- Cost-saving application where low mechanical performance is required.
- High load performance.
- With lubrication plugs.
- Maintenance-free.

Material
Reinforced steel with solid lubricant.

AS5B is made of reinforced steel material Gcrl5 with solid lubricant embedded in it. Its good Performa port part of windlass and crane. It can not be used in water or acid/alkali conditions of high crash strength can be shown in supporting the position of hoisting machines, e.g. the sup.

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Availablity		Value	Unit
Min. inside diameter		8	mm
Max. outside diameter		180	mm
Flange diameter		22-170	mm
Length standard		10-100	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Density		7.8	g/cm3
Comp. strength static		200	MPa
Tensile strength		> 1500	MPa
Hardness		58-60	Rockwell HRC
Dynamic load capacity		250	MPa
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-80	°C
Max. working temperature		350	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction dynamic		0.04-0.17	[-]
Max. sliding speed		0.1	m/s
Max. pv load dry		2.5	MPa*m/s
Max. pv load oil lubricated		3.8	MPa*m/s

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