ASEC



SLIDING BEARINGS ASRS10(F)

SKU: ASRS10(F)

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Categories: Composite bearings

Features

- Low friction.
- Good wear resistance.
- Works well in oilless or low-oil conditions.
- Color white.

Application
ASRS10 Is used for engineering machineries, bushings for the pivot axles for vehicles, thrust plates, hydraulic cylinders,support rings etc.

Material
Composite of reinforced polyester resin with synthetic fiber and micro self-lubricating powders.

ASRS10 is a composite of reinforced polyester resin with synthetic fiber and micro self-lubricating powders. This mix results in good wear resistance and low friction and works very well in oilles or low-oil conditions.

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Availablity		Value	Unit
Min. inside diameter		On request	mm
Max. outside diameter		On request	mm
Length standard		On request	mm
Sheet size		On request	mm
Sheet thickness		On request	mm
Physical properties	**Test standard**	**Value**	**Unit**
Density	ASTM D792	1.30	g/cm³
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static	ASTM D695	320	MPa
Shear strength	ASTM D3410	80	Mpa
Dynamic load capacity		80	MPa
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-40	°C
Max. working temperature		130	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction dynamic	Dry	0.12	[-]
Max. pv load dry	Pin-on-ring	0.25	MPa*m/s
Max. pv load oil lubricated	Pin-on-ring	0.40	MPa*m/s
Max. pv load regular greased	Pin-on-ring	0.50	MPa*m/s

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