ASEC



SLIDING BEARINGS ASHPE(F)

SKU: ASHPE(F)

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Categories: Plastic bearings

Features

- Continuous use temperature: -40 ℃ ~ + 200 ℃.
- For the majority of high-load situations.
- Suitable for dry running, maintenance-free.
- Good chemical resistance.
- Suitable wet environments.

Material
Plastic

High temperature and good chemical resistance material. Continuous use at 200 degrees, is also suitable for use in wet environments in even chemical liquid. Rigid shaft material used in conjunction with good.

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Availablity		Value	Unit
Min. inside diameter		3	mm
Max. outside diameter		90	mm
Flange diameter		7.5-110	mm
Length standard		3-60	mm
Physical properties	**Test standard**	**Value**	**Unit**
Density		1.7	g/cm³
Thermal conductivity	ASTM C 177	0.6	W/m*K
Water absorption at 23 °C	DIN 53495	0.1	[%weight]
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. Strength		82	MPa
Module of elasticity	DIN 53457	12.5	MPa
Tensile strength	DIN 53452	175	MPa
Hardness	DIN 53505	87	Shore D
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-40	°C
Max. working temperature		200	°C
Inter. working temperature		240	°C
Friction properties	**Test standard**	**Value**	**Unit**
Dynamic friction / steel		0.07-0.20	[-]
Max. PV dry		1.35	MPa*m/s
Electrical properties	**Test standard**	**Value**	**Unit**
Volume resistivity	DIN IEC 93	＞10^4	Ωcm
Surface resistivity	DIN 53482	＞10^5	Ω

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