ASEC



SLIDING BEARINGS AS95B(F)

SKU: AS95B(F)

ASEC Kunststoffen BV

Marketing 17, 6921 RE Duiven, The Netherlands

T: +31 316 84 44 01 | info@asec.nl

Categories: Bronze bearings

Features

- High load performance.
- No oil Lubrication necessary.
- Good lubrication.
- Longer service life.
- Embedded with solid lubricants.
- Maintenance-free.

Application
Suits for oil free lubrication.

Material
Bronze with graphite.

AS95B is based on bronze and embedded with solid lubricants. Because it is made of bronze, which performs well in terms of elongation, it can be processed into a wrapped bushing with thin wall thickness. In addition, the embedded lubricant is ideal for lubrication, and the bushing can be used in car transmission shafts and other circumstances without oil lubrication.

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Availablity		Value	Unit
Min. inside diameter		10	mm
Max. outside diameter		205	mm
Length standard		10-100	mm
Physical properties	**Test standard**	**Value**	**Unit**
Thermal conductivity		60	W/m.k.
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		250	MPa
Tensile strength		450	MPa
Shear strength		200	MPa
Hardness		70-100	HB
Dynamic load capacity		65	MPa
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-100	°C
Max. working temperature		260	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction dynamic		0.06-0.2	[-]
Max. sliding speed		4	m/s
Max. pv load dry		2.6	MPa*m/s
Max. pv load oil lubricated		15	MPa*m/s

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