ASEC



SLIDING BEARINGS ASMU(F)

SKU: ASMU(F)

ASEC Kunststoffen BV

Marketing 17, 6921 RE Duiven, The Netherlands

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

Categories: Steel bearings

Features

- Low friction.
- Dry running.
- Good wear performance.
- High load capacity.
- No stick slip.
- Economic bearing material.

Material
Steel with PTFE

ASMU is a new type of bearing without lead. ASMU has been specially developed with environmental protection in mind. As well as being widely used in general machinery, ASMU is especially well suited for food processing machines, pharmaceutical machinery, tobacco processing machines, etc.

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Availablity		Value	Unit
Min. inside diameter		6	mm
Max. outside diameter		305	mm
Flange diameter		12-53	mm
Length standard		6-100	mm
Mechanical properties	Test standard	Value	Unit
Comp. strength static		250	MPa
Dynamic load capacity		140	MPa
Max. static load		250	N/mm2
Speed limit v max dry		10	m/s
Thermal properties	Test standard	Value	Unit
Min. working temperature		-195	°C
Max. working temperature		280	°C
Friction properties	Test standard	Value	Unit
Coefficient of friction dynamic	pin-on-ring/dry against steel	0.03-0.18	[-]
Max. sliding speed		10	m/s
Max. pv load dry	pin-on-ring	4.3	MPa*m/s
Max. pv load oil lubricated	pin-on-ring	60	MPa*m/s

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