ASEC



SLIDING BEARINGS AS1S(F)

SKU: AS1S(F)

ASEC Kunststoffen BV

Marketing 17, 6921 RE Duiven, The Netherlands

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

Categories: Steel bearings

Features

- Sea water resistance.
- Acid resistance.
- Alkali resistance.
- Wear resistant.
- Corrosion resistant.
- Maintenance-free.

Material
Stainless steel bearing with lead free friction modifier.

AS1S is oil resistant, acid resistant, alkali resistant and seawater resistant. It is lead-free which makes it popular in food processing machinery, acid & alkali flowmeters for valves and pumps, pharmaceutical equipment, printing equipment, chemical equipment and various maritime industries. The bushing is assembled from triple layers of composites: bronze powder sintered onto a stainless steel base and subsequently, the PTFE layer is coated onto the bronze layer.

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
ASEC Products 2022 ©.

ASEC

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		200	MPa
Dynamic load		140	MPa
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		0.04-0.20	[-]
Max. sliding speed		2.5	m/s
Max. pv load dry		3.6	MPa*m/s
Max. pv load oil lubricated		50	MPa*m/s

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
ASEC Products 2022 ©.