ASEC



SLIDING BEARINGS ASD(F)

SKU: ASD(F)

ASEC Kunststoffen BV

Marketing 17, 6921 RE Duiven, The Netherlands

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

Categories: Steel bearings

Features

- Long service life.
- Excellent wear resistance.
- High fatigue strength.
- Good self-lubricating performance.
- Developed for shock absorbers.
- Maintenance-free.

Application
Suitable for various hydraulic cylinders.

Material
Steel + frcition modifier.

Considering the working principle of oil pump and damper, ASD hydraulic bearing is made on the basis of AS1P. Its performance is the same as DP4 and may be the substitute for DP4 in foreign countries. Apart from the exact utilization of AS1P, ASD demonstrates its preference when working under high-frequency reciprocating motion with a high side force. There is a trend to replace AS1P with ASD progressively. ASD covers a wide application in automobiles, engine dampers and oil cylinders etc.

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		4-40	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		3	m/s
Max. pv load dry		3.8	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 ©.