ASEC



SLIDING BEARINGS AS2S(F)

SKU: AS2S(F)

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Categories: Steel bearings

Features

- Suitable working in chemical surroundings.
- Protected against corrosion.
- Wear resistant.
- Suitable for use in valves.
- Developed for pumps.
- Maintenance-free.

Material
Stainless steel with PTFE.

AS2S stainless steel bearing coated with PTFE. It is based on stainless steel with spray-painted PTEE on the surface. It has got good anti-acid, anti-alkali and anti-salt liquid performances. AS2S is widely used in the chemical industry for example in strong acid-alkali flow meters, pumps, valves etc. AS2S show its benefits wherever anti-corrosion is necessary, for example at the sliding parts in the marine industry.

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Availablity		Value	Unit
Min. inside diameter		6	mm
Max. outside diameter		305	mm
Flange diameter		12-53	mm
Length standard		4-100	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Comp. strength static		200	MPa
Dynamic load capacity		100	MPa
Speed limit v max dry		2.5	m/s
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-190	°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		2.5	m/s
Max. pv load dry	pin-on-ring	3	MPa*m/s
Max. pv load oil lubricated	pin-on-ring	40	MPa*m/s

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