ASEC



SLIDING BEARINGS ASCS

SKU: ASCS

ASEC Kunststoffen BV

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Categories: Steel bearings

Features

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

Material
Steel + frcition modifier.

ASCS self-lubricating bearings for automatic transmissions in automobiles. It is developed based on the previous ASMU formulation. The particular conditions of planetary gears of the automatic transmissions of cars have been taken into account. ASCS is designed as a new lead-free and environmentally friendly product. The plastic surface is white. Its properties and performance are similar to the foreign-made product P141. It has excellent self-lubricating, wear and fatigue properties, and has a long service life.

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Availablity		Value	Unit
Min. inside diameter		On request	
Max. outside diameter		On request	
Flange diameter		On request	
Length standard		On request	
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		5	m/s
Max. pv load dry		3.6	MPa*m/s
Max. pv load oil lubricated		50	MPa*m/s

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