

CSB-25 Aluminum Alloy with PTFE Tape

Order

RoHS

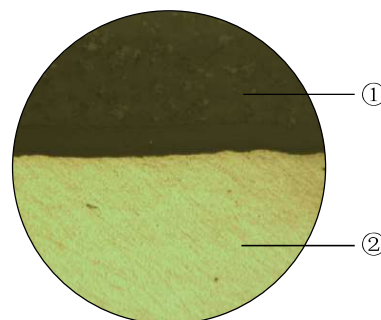


Structure

- 1. PTFE tape.** The very thick PTFE layer isolates noise and allows the design of clearance free application.
- 2. Aluminum alloy backing.** Setting the foundation of the bushings, the aluminum backing provides exceptional stability, load carrying, light weight and heat dissipation characteristics.

Features

This material structure enables the final parts to be lighter and easier for installation. Suitable for dry running, low coefficient of friction, lower wear, good sliding characteristics, the transfer film created can protect the mating metal surface, suitable for rotary, linear and oscillating movement.



Tech. Data					
Max. load	Static	80N/mm ²	Friction coefficient	0.05~0.20	
	Very low speed	40N/mm ²		Max. speed	Dry running
	Rotating oscillating	20N/mm ²	Hydrodynamic operation		>1m/s
Max. PV dry running	Short-term operation	2.8N/mm ² *m/s	Thermal conductivity		230W(m*K) ⁻¹
	Continuous operation	1.8N/mm ² *m/s	Coefficient of thermal expansion		24*10 ⁻⁶ *K ⁻¹
Temp. limit		-65°C~+260°C			

Typical Applications

With aluminum metal backing, the bearing could be applied for OA machines, fitness equipment, bicycle, motorcycle, food industry machinery and package machinery, which need light design.