

Carbon Brush

Carbon brushes conduct current between stationary wires and moving parts in motors and generators. Made of carbon or graphite, they provide electrical conductivity and low friction for transmitting power to the rotor.



Product Overview

Essential Electrical Component

Carbon brushes serve as critical electrical contacts designed to conduct current between stationary wires and moving parts within motors and generators. Crafted from high-quality carbon and graphite, these components are engineered for superior electrical conductivity, low friction, and high-temperature resistance. Regular inspection and replacement are essential to mitigate wear caused by friction and arcing, ensuring the long-term reliability and efficiency of your rotating machinery.

Technical Characteristics

Key Properties

- High electrical conductivity
- Low friction coefficient
- High thermal resistance

Material Composition	Carbon, Graphite
Primary Function	Conducting current between stationary wires and rotating components

Maintenance & Performance

Wear Factors

Motor Load • Operating Conditions • Brush Material

Replacement Requirement	Yes
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