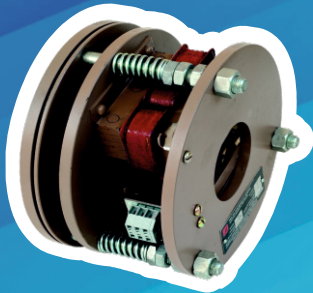




AMIT ELECTRICALS

AC Fail Safe Disc Brake



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AC Fail Safe Disk Brake

AMIT ELECTRICALS is a manufacturer, supplier, and exporter of Electromagnetic AC fail safe disc brake. We offer braking solution for crane and machinery with Fail Safe Brake. we are offer full range of standard fail safe brake. It also calls disc brake, AC fail safe brake electromagnetic disc brake, hoist brake, crane brake, lift brake etc.

Design

Our of electromagnetic AC fail safe disc brake are compact and modern in design. Directly mounted at non-driving end shaft of the motor. It consists of liner plates brake disc with square hole at the center. One corresponding piece of square hub is supplied with the brake. This hub is keyed to the motor shaft and the liner plate is free on this hub.

Normally, liner plate is gripped between two discs with the help of spring pressure. They work on AC supply when the current is supplied on the brake, one disc is attracted by electromagnet against pressure and the liner plate is released. Thus the brakes are "off".

Once the brake is set it does not require adjustment or maintenance. When the liner plates wear with the use then only air gap is required to be maintained periodically. An arrangement to release the brake manually could be provided on request.

Torque Range

- ✓ Electromagnetic AC fail-safe disc brake with torque range: 0.2 to 30 KGM.
- ✓ Suitable for motors ranging from 0.1 to 20 HP.

Diameter Range

- ✓ Diameter: 130 mm to 310 mm.

Voltage

- ✓ Voltages : 415V, 380V, & 230V.

Coil

- ✓ Made with Class 'F' high-quality enamelled copper wire.
- ✓ Long-lasting, temperature-resistant performance.

Application

- ✓ Applications include machine tools, hydro extractors, coil winding machines, wire drawing machines, rubber mixing mills, rolling mills, printing machines, and industries like cement, mining, sugar, textile, and material handling.
- ✓ Fail-safe brakes are crucial for power failure scenarios in hoists, cranes, winches, elevators, etc.
- ✓ We offer AC-type fail-safe brakes that apply mechanically during power loss.

Features

- ✓ Speedy performance
- ✓ Longer functional life
- ✓ Noise-free

