



Working Cut Section of Electric Motors

These motors are designed with a semi-cut section to display internal components while remaining fully functional. The cut sections are covered with transparent acrylic, allowing clear visibility of the internal workings without compromising safety or performance.

1) Squirrel Cage Induction Motor : 0.5 HP

- **Type:** Semi Cut Section, Fully Functional
- **Voltage:** 415V AC, 50Hz
- **Speed:** 1440 RPM
- **Mounting Type:** B3
- **Terminals:** 3 terminals brought out
- **Cut Portion Cover:** Transparent acrylic

2) Slipring Induction Motor (Rotor Wound) : 0.5 HP

- **Type:** Semi Cut Section, Fully Functional
- **Voltage:** 415V AC, 50Hz
- **Speed:** 1440 RPM
- **Mounting Type:** B3
- **Terminals:** 6 terminals brought out
- **Cut Portion Cover:** Transparent acrylic

3) AC Synchronous Motor : 0.5HP

- **Type:** Semi Cut Section, Fully Functional
- **Voltage:** 415V AC, 50Hz
- **Speed:** 1440 RPM
- **Mounting Type:** B3
- **Excitation:** 0-110V DC
- **Terminals:** 5 terminals brought out
- **Cut Portion Cover:** Transparent acrylic

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

4-A) DC Shunt Motor : 0.5 HP

- **Type:** Semi Cut Section, Fully Functional
- **Voltage:** 230V DC
- **Speed:** 1500 RPM
- **Mounting Type:** B3
- **Terminals:** 4 terminals brought out
- **Cut Portion Cover:** Transparent acrylic

4-B) DC Series Motor : 0.5 HP

- **Type:** Semi Cut Section, Fully Functional
- **Voltage:** 230V DC
- **Speed:** 1500 RPM
- **Mounting Type:** B3
- **Terminals:** 4 terminals brought out
- **Cut Portion Cover:** Transparent acrylic

4-C) DC Compound Motor : 0.5 HP

- **Type:** Semi Cut Section, Fully Functional
- **Voltage:** 230V DC
- **Speed:** 1500 RPM
- **Mounting Type:** B3
- **Terminals:** 6 terminals brought out
- **Cut Portion Cover:** Transparent acrylic

Each motor is expertly crafted to serve as an educational tool, providing a clear and safe view of internal operations while maintaining full functionality for practical demonstrations.

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