

TECO Te3 2 Speed Cast Iron Motors - TEFC - TECO Electric Motors Australia and New Zealand

Canonical: <https://electricmotors.teco.com.au/product/teco-te3-2-speed-cast-iron-motors-tefc/>

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TECO Te3 2 Speed Cast Iron Motors – TEFC

Advanced Metric Frame Motors: Compliance, Power Range, IP55 Protection, IEC60034 Compliant

The TECO Te3 2 Speed Cast Iron Motor is a high-performing motor with a metric frame. It is specifically engineered to comply with the demanding IEC60034 and AS/CENELEC HD231 standards. It offers exceptional reliability and efficiency for a wide range of industrial applications.

With a power range spanning from 0.12kW to 17kW, TECO Te3 2 Speed Cast Iron provides flexible options to suit various operational requirements. It is specifically engineered for two-speed variable torque loads, such as centrifugal pumps or fans, ensuring optimal performance in demanding applications.

One of the standout features of these motors is their multi-tap windings. It is available in 2/4 pole tapped wound, 4/8 pole tapped wound, 4/6 pole dual wound, and 6/8 pole dual wound configurations.

This flexibility allows for precise adjustments to match specific performance needs and operating conditions.

In addition to the standard pole configurations, customized options are available upon request.

This ensures that the motors can be tailored to specific pole configurations and output torques, catering to unique application demands and maximizing efficiency.

TECO Te3 2 Speed Cast Iron Motors boast a robust design with a Totally Enclosed Fan Cooled (IC411) structure. This design not only provides efficient cooling but also offers superior protection, ensuring extended service life even in harsh environments.

Operating at a power supply of 380-415 Volts in a 3-phase 50 Hz configuration (with alternative supplies available upon request), it is suitable for a wide range of electrical systems.

TECO Te3 2 Speed Cast Iron features Class F insulation with a Class B temperature rise, guaranteeing reliable performance and durability even under demanding operating conditions.

With a continuous rated duty type S1, TECO Te3 2 Speed Cast Iron delivers sustained performance, making them ideal for applications that require consistent and reliable operation over extended periods.

It is built to last, constructed with durable cast iron. They are equipped with a top-mounted terminal box for convenient installation and maintenance procedures.

To ensure robust protection, TECO Te3 2 Speed Cast Iron Motor has obtained an IP55 protection rating, making them resistant to the ingress of dust and water.

This enhances its reliability and suitability for challenging operating environments.

Adding a touch of aesthetics, these motors feature a sleek Teal T63 finish, complementing your industrial setup.

TECO Te3 2 Speed Cast Iron Motor offers a wide range of customisation options to meet specific industrial requirements, ensuring optimum performance in any application.

To ensure customer satisfaction, the motor comes with a 2-year warranty, providing support and coverage against manufacturing defects or performance issues

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Metric frame motor to AS1359, AS / CENELEC HD231 frame allocation

0.12kW to 17Kw

Two speed, variable torque load (centrifugal pump or fan)

2 / 4 Pole Tapped wound

4 / 8 Pole Tapped wound

4 / 6 Pole Dual wound

6 / 8 Pole Dual wound

Other pole configurations and output torques on request

Totally Enclosed Fan Cooled (IC411)

380~415 Volts 3 Phase 50 Hz (other supplies on request)

Class F insulation with a Class B temperature rise

Continuous rated, duty type S1

Cast Iron construction with top mounted terminal box

IP55 protection rating

Finish colour Teal T63 to AS2700

Mounting available – Foot, Foot and flange (C* and D types), Flange (C* and D types)

(C type flange on frame sizes D63-D132 only)

Wide range of options available

2 year warranty

Compliance with industry standards

Broad power range

Suitable for two-speed, variable torque loads (e.g., pumps and fans)

Versatile pole winding configurations

Customizable options available

Effective cooling and protection

Flexible power supply options

Reliable performance and safety

Designed for continuous operation

Durable construction with easy maintenance

Strong protection against dust and water

Attractive finish

Various mounting options

Wide range of customization

TECO Te3 Brochure

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No software downloads.

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Features

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