

TECO AFJE MAXe3 Mining - TECO Electric Motors Australia and New Zealand

Canonical: <https://electricmotors.teco.com.au/product/teco-afje-maxe3-mining/>

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TECO AFJE MAXe3 Mining

The TECO AFJE Electric Motor, made of cast iron, is engineered to meet or surpass the IEC60034 Minimum High Efficiency Performance Standard. This motor can deliver power ranging from 150 kW to 450 kW (in stock), with larger sizes available upon request.

The engine is Totally Enclosed, Fan Cooled (IC411), which guarantees effective cooling while preventing the intrusion of dust and other impurities. It operates on a 380~415 Volts, 3 Phase, 50 Hz power supply, and can be adapted for other supplies if requested.

With a focus on quality and reliability, TECO AFJE features the highest quality insulation system utilizing Class H materials. It is designed for continuous operation at the rated capacity (duty type S1) while maintaining a low temperature rise, providing a significant thermal reserve.

TECO AFJE is engineered to minimise noise emissions, ensuring a low noise level during operation.

It is constructed with a cast-iron frame and comes with a side/top mounted fabricated steel terminal box for ease of installation. TECO AFJE Squirrel Cage Cast Iron Electric Motor have an IP66 protection rating, indicating a high level of resistance to dust and water ingress.

The proposed motor(s) will be warranted against faulty design, materials & workmanship for a period of 18 months from time of delivery or 12 months from commissioning whichever is the sooner.

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Metric frame motor to AS1359

315LL frame is purpose-built for demanding coal mining applications.

Stock Holding 150kW to 450kW, Larger sizes available upon request.

Totally Enclosed Fan Cooled (IC411)

MAX-E3-Mining motor type AFJE, meets or exceeds AS1359.5 Minimum High Efficiency Performance Standard, table B3

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

Highest quality insulation system utilizing Class H materials

Low temperature rise for substantial thermal reserve

Continuous rated, duty type S1

Low noise level

Cast Iron Construction with side/top mounted fabricated steel terminal box

IP66 protection rating

Mountings available – Foot, Foot and D Flange, D Flange (IM3011)

2 year warranty

High efficiency motors meeting or surpassing industry performance standards

Wide range of power options available for diverse applications

Effective cooling with the Totally Enclosed Fan Cooled design

Flexibility to accommodate different power supply requirements

High-quality insulation system enhances motor durability and longevity

Low temperature rise provides additional thermal protection for the motor

Reliable and continuous operation under normal duty conditions

Quieter motor operation reduces noise pollution in the surroundings

Sturdy construction with a convenient terminal box for easy installation

High level of protection against dust and water, ensuring motor durability

Versatile mounting options to suit various installation needs

TECO-MAXe3-Catalogue

TECO-Electric-Motor-Manual-ODP-TEFC-SCIM-IOM-Rev-04-~-2018

kW Rating: Nothing selected

110.00

150.00

185.00

220.00

250.00

260.00

300.00

315.00

375.00

450.00

Voltage: Nothing selected

415

Phases: Nothing selected

3

No. of Poles: Nothing selected

4

6

8

Frame Size: Nothing selected

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kW Rating	Voltage	Phases	No. of Poles	Frame Size	Data sheet PDF	PDF Drawings	CAD Drawings	3D Drawings	Download All	Enquire					
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Features

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Brochures

TECO-MAXe3-Catalogue

Manuals

TECO-Electric-Motor-Manual-ODP-TEFC-SCIM-IOM-Rev-04--2018

Drawings & Datasheets kW Rating: Voltage: Phases: No. of Poles: Frame Size: Clear filters

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