

TECO AEBH Vertical Hollow Shaft Motor - TECO Electric Motors Australia and New Zealand

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TECO AEBH Vertical Hollow Shaft Motor

High-performance vertical Hollow Shaft Motor for Deep Well Turbine Pump applications, meeting IEC60034 standards.

TECO AEBH Vertical Hollow Shaft Motor is designed for Deep Well Turbine Pump applications. It is fitted with a NEMA P face mount to NEMA MG1. The motor has a power range of 2.2kW to 185kW and operates on 380~415 Volts, 3 Phase, 50 Hz (other supplies available upon request).

It is a Totally Enclosed, Fan Cooled (IC411) motor type AEBH that meets the IEC60034 Minimum High Efficiency Performance Standard, table B3.

The motor features a high-quality insulation system using Class H and F materials, low temperature rises for substantial thermal reserve, and low noise level.

It has a continuous rated duty type S1 and is constructed with cast iron and a side-mounted fabricated steel terminal box.

TECO AEBH Vertical Hollow Shaft Motor has an IP55 protection rating and comes with a rain cover over the fan inlet. It has an oversized Angular Thrust bearing that can be lubricated with grease or oil, depending on the motor size. The motor is fitted with a coupling (pilot bored) and a non-return ratchet at the non-drive end. The standard rotation is counterclockwise when viewed from the top of the motor, but clockwise rotation is available upon request.

There is a wide range of options available for customization. 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

Vertical hollow shaft motor, for Deep Well Turbine Pump applications

Fitted with NEMA P face mount to NEMA MG1

2.2kW to 185kW

Totally Enclosed Fan Cooled (IC411)

MAX-E2 motor type AEBH, meet 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 and F materials

Low temperature rise for substantial thermal reserve
Continuous rated, duty type S1
Low noise level
Cast Iron Construction with side mounted fabricated steel terminal box
IP55 protection rating, fitted with rain cover over fan inlet
Oversized Angular Thrust bearing, grease or oil lubricated (depending on motor size)
Fitted with coupling (pilot bored) and non return ratchet at non drive end
Standard rotation counter clockwise viewed from top of motor, clockwise rotation available on request
Wide range of options available
2 year warranty
Suited for Deep Well Turbine Pump applications, ensuring efficient performance
Easy installation with NEMA P face mount to NEMA MG1
Wide power range to meet various requirements
Reliable and long-lasting motor with Totally Enclosed Fan Cooling
Meets IEC60034 High Efficiency Performance Standard to table B3 for energy efficiency
Flexible voltage and phase options to accommodate different power supplies
Enhanced insulation system for improved safety and durability
Low temperature rise ensures stability and extends motor life
Suitable for continuous operation (duty type S1)
Provides quiet operation, minimizing noise pollution
Durable construction with cast iron and fabricated steel terminal box
IP55 protection rating and rain cover ensure protection against dust and water ingress
Oversized Angular Thrust bearing offers enhanced load handling capability
Easy-to-use coupling and non-return ratchet for simplified installation and maintenance
Can be customized for specific rotation requirements
Versatile options available to meet specific needs and preferences

AEBH-Catalogue

TECO-Manual-Vertical-Hollow-Shaft-motors-Rev-0-January-2010

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Features

Metric Frame Motor to AS1359

Vertical hollow shaft motor, for Deep Well Turbine Pump applications

Fitted with NEMA P face mount to NEMA MG1

2.2kW to 185kW

Totally Enclosed Fan Cooled (IC411)

MAX-E2 motor type AEBH, meet 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 and F materials

Low temperature rise for substantial thermal reserve

Continuous rated, duty type S1

Low noise level

Cast Iron Construction with side mounted fabricated steel terminal box

IP55 protection rating, fitted with rain cover over fan inlet

Oversized Angular Thrust bearing, grease or oil lubricated (depending on motor size)

Fitted with coupling (pilot bored) and non return ratchet at non drive end

Standard rotation counter clockwise viewed from top of motor, clockwise rotation available on request

Wide range of options available

2 year warranty

Benefits

Suited for Deep Well Turbine Pump applications, ensuring efficient performance

Easy installation with NEMA P face mount to NEMA MG1

Wide power range to meet various requirements

Reliable and long-lasting motor with Totally Enclosed Fan Cooling

Meets IEC60034 High Efficiency Performance Standard to table B3 for energy efficiency

Flexible voltage and phase options to accommodate different power supplies

Enhanced insulation system for improved safety and durability

Low temperature rise ensures stability and extends motor life

Suitable for continuous operation (duty type S1)

Provides quiet operation, minimizing noise pollution

Durable construction with cast iron and fabricated steel terminal box

IP55 protection rating and rain cover ensure protection against dust and water ingress

Oversized Angular Thrust bearing offers enhanced load handling capability

Easy-to-use coupling and non-return ratchet for simplified installation and maintenance

Can be customized for specific rotation requirements

Versatile options available to meet specific needs and preferences

Brochures

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Manuals

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software

No software downloads.

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

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