

Multimounting High Efficiency 0.25 HP 2P 63 3Ph 230/460//380-415 V 60 Hz IC411 - TEFC - B3L(E)

Catalog Number: .1836EP3EAL63-W22 | Product: 13982686

Overview ▼

📄 GENERATE DOCUMENTS



Representative Image Only

Aluminum frame and removable feet being able to provide great flexibility and facilitate the change of configuration without requiring additional machining or modifications. Its terminal box can rotate every 90 degrees, allowing the connection of the motor cables on any side. Furthermore, these motors are totally interchangeable with the cast iron motors.

Product features

Standard	NEMA MG-1
Frequency	60 Hz
Voltage	230/460//380-415 V
Number of poles	2
Degree of Protection	IP55
Synchronous speed	3600 rpm
Output rating	0.25 HP
Mounting	Foot-mounted
Flange	Without
Mounting	B3L(E)
Terminal box ¹	Right position
Enclosure	IC411 - TEFC

USD280.00 /un. (Unit Price with Taxes)

PRODUCT DETAILS

Technical Data ▼

[230/460 V 60 Hz 2P](#) [380 V 50 Hz 2P IE3](#) [400 V 50 Hz 2P IE2](#) [415 V 50 Hz 2P IE2](#)

Electric Motors

Frame	63
-------	----

Output	0.25 HP (0.18 kW)
Number of Poles	2
Frequency	60 Hz
Rated speed	3400 rpm
Slip	5.56 %
Rated voltage	230/460 V
Rated current	1.01/0.504 A
L. R. Amperes	5.04/2.52 A
LRC	5.0
No load current	0.900/0.450 A
Rated torque	0.386 ft.lb
Locked rotor torque	320 %
Breakdown torque	350 %
Locked rotor time	36s (cold) 20s (hot)
Moment of inertia (J)	0.0029 sq.ft.lb
Design	N
Insulation Class	F
Service factor	1.15
Temperature rise	80 K
Duty Cycle	S1
Starting Method	Direct On Line
Ambient temperature	-20°C to +40°C
Altitude	1000 m.a.s.l.
Degree of Protection	IP55
Enclosure	IC411 - TEFC
Mounting	B3L(E)
Rotation ¹	Both (CW and CCW)
Noise level ²	56.0 dB(A)
Approx. weight ³	13.6 lb

(1) Looking the motor from the shaft end.; (2) Measured at 1m and with tolerance of +3dB(A).; (3) Approximate weight, subject to be changed after manufacturing process.; (4) At 100% of full load.

Efficiency



	50%	75%	100%
	55.0	62.0	64.0

Power factor

	50%	75%	100%
	0.48	0.60	0.70

Features

Frame Material	Aluminum
Impregnation Method	Dip and Bake Polyester

Main terminal box hole	NPT 1/2"
Terminal Block	BMC - 6 pins  
Drain	Rubber, automatic
Shaft Material	SAE 1040/45 Carbon Steel
Painting	RAL 7022 207N (ISO 12944 - C2)
Grounding Lugs	Single
Fan Cover material	Steel
Tropicalized Painting	Without
Fan material	Plastic
Bearing cap	No-Without Bearing Cap
Balancing Method	Not Balanced
Drip Cover	Without
Overload protector (phenolic)	Without overload protector
Connection Cables Quantity	9

WEG ELECTRIC CORP. U.S. HEADQUARTERS

6655 Sugarloaf Parkway

Duluth, GA 30097

Phone: 1-800-ASK-4WEG

