

## General High Efficiency 10 HP 2P 213/5TC 3Ph 200/400 V 60 Hz IC01 - ODP - Foot-mounted

Product: 11649991

Overview ▼

📄 GENERATE DOCUMENTS



Representative Image Only

### Product features

Standard	NEMA MG-1
Frequency	60 Hz
Voltage	200/400 V
Number of poles	2
Degree of Protection	IP21
Synchronous speed	3600 rpm
Output rating	10 HP
Mounting	Foot-mounted
Flange	C
Mounting	F-1
Terminal box <sup>1</sup>	Left position
Enclosure	IC01 - ODP

## PRODUCT DETAILS

Technical Data ▼

### Electric Motors

Frame	213/5TC
Output	10 HP (7.5 kW)
Number of Poles	2
Frequency	60 Hz
Rated speed	3515 rpm
Slip	2.36 %

Rated voltage	200/400 V
Rated current	28.1/14.0 A
L. R. Amperes	185/92.6 A
LRC	6.6x(Code H)
No load current	9.66/4.83 A
Rated torque	14.9 ft.lb
Locked rotor torque	210 %
Breakdown torque	250 %
Locked rotor time	21s (cold) 12s (hot)
Moment of inertia (J)	0.4435 sq.ft.lb
Design	B
Insulation Class	F
Service factor	1.15
Temperature rise	80 K
Duty Cycle	Cont.(S1)
Starting Method	Direct On Line
Ambient temperature	-20°C to +40°C
Altitude	1000 m.a.s.l.
Degree of Protection	IP21
Enclosure	IC01 - ODP
Mounting	F-1
Rotation <sup>1</sup>	Both (CW and CCW)
Noise level <sup>2</sup>	68.0 dB(A)
Approx. weight <sup>3</sup>	105 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%
	<b>87.5</b>	<b>88.5</b>	<b>88.5</b>

## Power factor

	50%	75%	100%
	<b>0.71</b>	<b>0.81</b>	<b>0.87</b>

## Features

Frame Material	<b>Rolled Steel</b>
Impregnation Method	<b>Dip and Bake Polyester</b>
Main terminal box hole	<b>NPT 1"</b>
Terminal Block	<b>Without</b>
Shaft Material	<b>SAE 1040/45 Carbon Steel</b>
Painting	<b>RAL 5009 207A (ISO 12944 - C2)</b>
Grounding Lugs	<b>Single</b>
Fan Cover material	<b>Without Fan Cover</b>

Tropicalized Painting	Without
Fan material	Without fan
Bearing cap	Yes- Bearing Cap
Balancing Method	1/2 Key
Drip Cover	Without
Resilient Base	Without
Overload protector (phenolic)	Without overload protector
Connection Cables Quantity	12

WEG ELECTRIC CORP. U.S. HEADQUARTERS

6655 Sugarloaf Parkway  
Duluth, GA 30097  
Phone: 1-800-ASK-4WEG

