

W22 Tru-Metric IE2 10 HP 8P 160L 3Ph 460//380-415 V 60 Hz IC411 - TEFC - B3L(E)

Product: 11756598

Overview ▼

 GENERATE DOCUMENTS



Representative Image Only

Product features

Standard	NEMA MG-1
Frequency	60 Hz
Voltage	460//380-415 V
Number of poles	8
Degree of Protection	IP55
Synchronous speed	900 rpm
Output rating	10 HP
Mounting	Foot-mounted
Flange	Without
Mounting	B3L(E)
Terminal box ¹	Right position
Enclosure	IC411 - TEFC



PRODUCT DETAILS

Technical Data ▼

380 V 50 Hz 8P **415 V 50 Hz 8P** 460 V 60 Hz 8P

Electric Motors

Frame	160L
Output	10 HP (7.5 kW)
Number of Poles	8
Frequency	50 Hz
Rated speed	715 rpm

Slip	4.67 %	
Rated voltage	380 V	 
Rated current	17.6 A	
L. R. Amperes	88.0 A	
LRC	5.0	
No load current	8.10 A	
Rated torque	73.4 ft.lb	
Locked rotor torque	190 %	
Breakdown torque	220 %	
Locked rotor time	45s (cold) 25s (hot)	
Moment of inertia (J)	3.92 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	51.0 dB(A)	
Approx. weight ³	313 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%
	87.5	88.0	88.5

Power factor

	50%	75%	100%
	0.53	0.66	0.73

Features

Frame Material	Cast Iron
Impregnation Method	Dip and Bake Polyester
Regreasing System	At Drive end and Non-drive end
Main terminal box hole	2xM40x1,5
Terminal Block	BMC - 6 pins
Shaft Locking Device	Without
Drain	Rubber, automatic

Shaft Material	SAE 1040/45 Carbon Steel
Painting	RAL 5009 203A (ISO 12944 - C2)  
Grounding Lugs	Single
Fan Cover material	Cast Iron
Tropicalized Painting	Without
Fan material	Plastic
Bearing cap	Yes- Bearing Cap
Balancing Method	1/2 Key
Drip Cover	Without
Overload protector (phenolic)	Without overload protector
Connection Cables Quantity	6

WEG ELECTRIC CORP. U.S. HEADQUARTERS

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

