

## W22Xec Medium Voltage 200 HP 2P L447/9TS 3Ph 2300/4160 V 60 Hz IC411 - TEFC - Foot-mounted

Catalog Number: **20036ET3XL449-W22MV** | Product: 13299252

Overview ▼

 GENERATE DOCUMENTS



Representative Image Only

Note: This item can be derated to 50HP less than the rated power. Please contact Inside Sales for more information.

### Product features

Standard	NEMA MG-1
Frequency	60 Hz
Voltage	2300/4160 V
Number of poles	2
Degree of Protection	IP55
Synchronous speed	3600 rpm
Output rating	200 HP
Mounting	Foot-mounted
Flange	Without
Mounting	F-1
Terminal box <sup>1</sup>	Left position
Enclosure	IC411 - TEFC

**USD38,054.00** /un. (Unit Price with Taxes)



### PRODUCT DETAILS

Technical Data ▼

2300 V 60 Hz 2P    **4160 V 60 Hz 2P**

### Electric Motors

Frame	L447/9TS
Output	200 HP (150 kW)

Number of Poles	2	
Frequency	60 Hz	 
Rated speed	3580 rpm	
Slip	0.56 %	
Rated voltage	2300 V	
Rated current	47.1 A	
L. R. Amperes	410 A	
LRC	8.7x(Code K)	
No load current	19.0 A	
Rated torque	293 ft.lb	
Locked rotor torque	180 %	
Breakdown torque	280 %	
Locked rotor time	32s (cold) 18s (hot)	
Moment of inertia (J)	37.7 sq.ft.lb	
Design	A	
Insulation Class	F	
Service factor	1.00	
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	IP55	
Enclosure	IC411 - TEFC	
Mounting	F-1	
Rotation <sup>1</sup>	Both (CW and CCW)	
Noise level <sup>2</sup>	88.0 dB(A)	
Approx. weight <sup>3</sup>	2783 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%
	92.4	93.6	94.1

## Power factor

	50%	75%	100%
	0.72	0.82	0.85

## Features

Frame Material	Cast Iron
Impregnation Method	Sealed winding (2x VPI + pulverization)
Regreasing System	Extended, at Drive end and Non-drive end
Space Heater Voltage	110 - 127 V

Main terminal box hole	NPT 3"
Accessories Terminal Box	With  
Space Heater Terminal Box	With
Shaft Locking Device	Without
Drain	Type T, Threaded
Shaft Material	SAE 4140 Carbon Steel
Painting	RAL 5009 202E (ISO 12944 - C4)
Grounding Lugs	Double + Additional in Brass
Fan Cover material	Cast Iron
Tropicalized Painting	According to IEEE-841 (96h)
Joints Seal	Molykote
Foot flatness	(0.005 pol) 0.127 mm
Fan material	Aluminum
Bearing cap	Yes- Bearing Cap
Winding thermal protection	PT100 - 3 wires 2 per phase
Bearing thermal protection	PT100 - 3 wires 1 on DE bearing PT100 - 3 wires 1 on NDE bearing
Balancing Method	1/2 Key
Drip Cover	Without
Overload protector (phenolic)	Without overload protector
Connection Cables Quantity	6

## WEG ELECTRIC CORP. U.S. HEADQUARTERS

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