

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer : Dealers Industrial Equipment 800-469-3110
Customer reference : 12536OP3JFP404TS-W40

Product line : W40 High Efficiency Three-Phase Product code : 14282772
Catalog # : 12536OP3JFP404TS-W40

Frame	: 404/5TS	Locked rotor time	: 27s (cold) 15s (hot)
Output	: 125 HP	Temperature rise	: 105 K
Poles	: 2	Duty cycle	: Cont.(S1)
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C
Rated voltage	: 380 V	Altitude	: 1000 m.a.s.l.
Rated current	: 166 A	Protection degree	: IP23
L. R. Amperes	: 1095 A	Cooling method	: IC01 - ODP
LRC	: 6.6x(Code G)	Mounting	: F-1
No load current	: 36.3 A	Rotation ¹	: Both (CW and CCW)
Rated speed	: 3545 rpm	Noise level ²	: 84.0 dB(A)
Slip	: 1.53 %	Starting method	: Direct On Line
Rated torque	: 183 ft.lb	Approx. weight ³	: 829 lb
Locked rotor torque	: 180 %		
Breakdown torque	: 229 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 8.03 sq.ft.lb		
Design	: B		

Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)	92.8	93.0	93.6	93.6	Max. traction	: 862 lb
Power Factor	0.60	0.80	0.86	0.88	Max. compression	: 1691 lb

		<u>Drive end</u>	<u>Non drive end</u>
Bearing type	:	6314 C3	6212 Z C3
Sealing	:	Without Bearing Seal	Without Bearing Seal
Lubrication interval	:	14418 h	20000 h
Lubricant amount	:	27 g	13 g
Lubricant type	:	Mobil Polyrex EM	

Notes
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This revision replaces and cancel the previous one, which must be eliminated.

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

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page 1 / 2 Revision		
Checked by				
Date	15/04/2019			

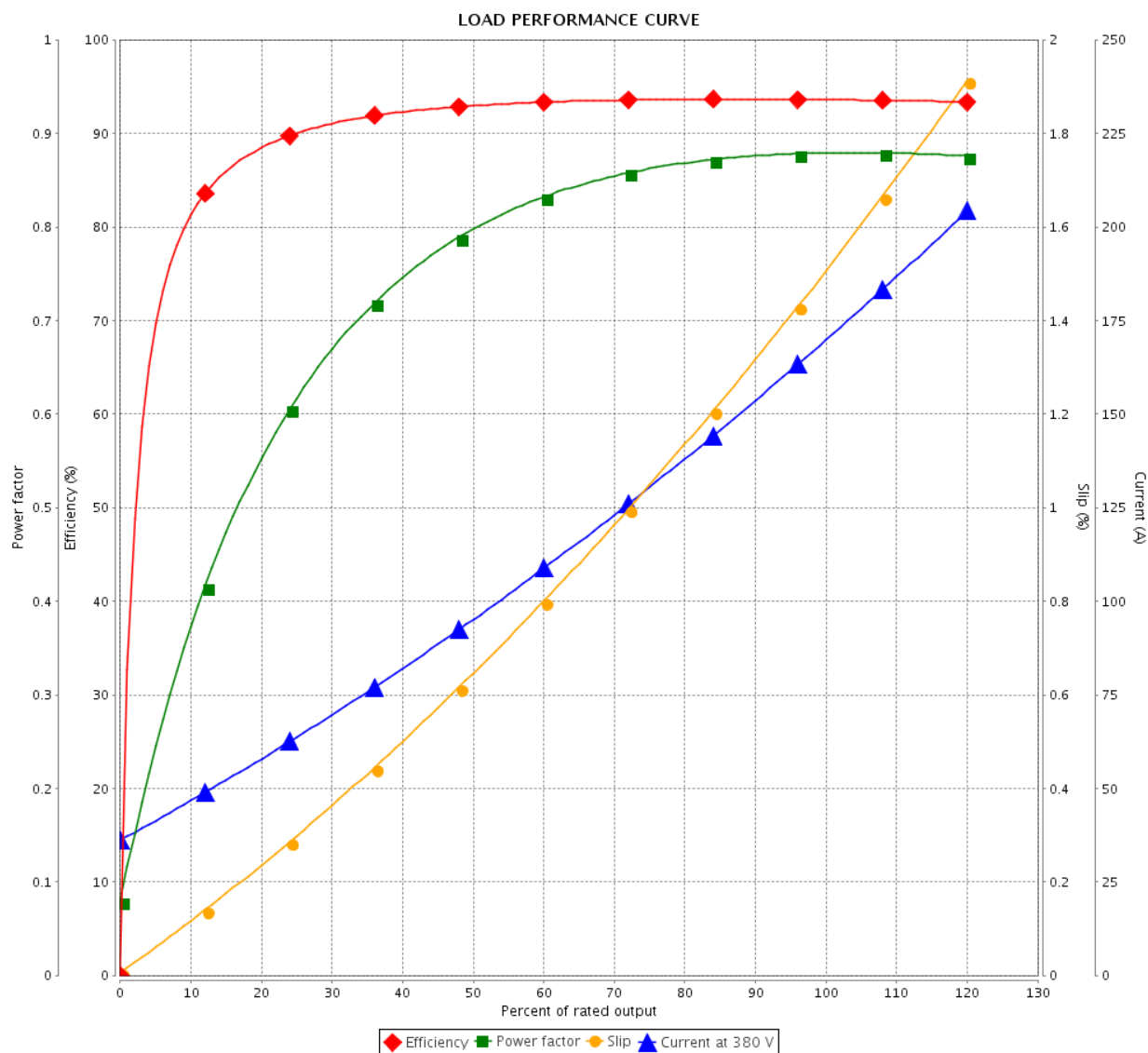
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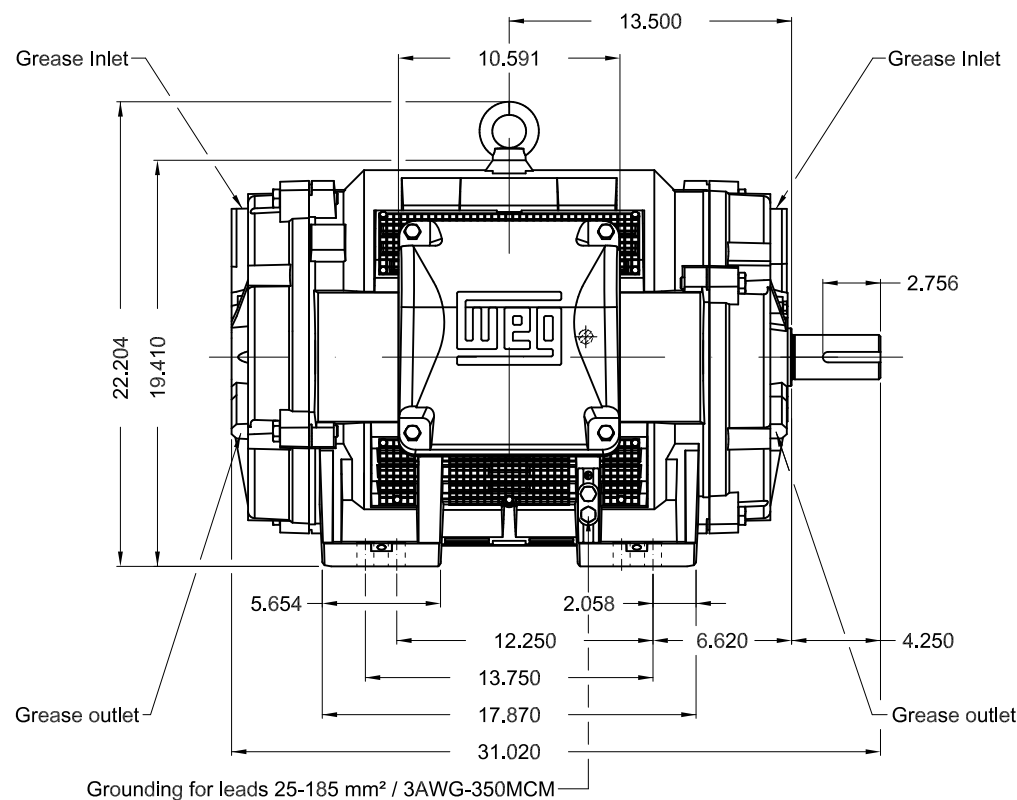


Performance : 380 V 60 Hz 2P

Rated current	: 166 A	Moment of inertia (J)	: 8.03 sq.ft.lb
LRC	: 6.6	Duty cycle	: Cont.(S1)
Rated torque	: 183 ft.lb	Insulation class	: F
Locked rotor torque	: 180 %	Service factor	: 1.15
Breakdown torque	: 229 %	Temperature rise	: 105 K
Rated speed	: 3545 rpm	Design	: B

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Performed by		Page 2 / 2Revision		
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THIS IS AN UPDATED REVISION, THE
PREVIOUS ONE MUST BE DISREGARDED.



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