



GE INDUSTRIAL MOTORS
a **WOLONG** company

Product Information Packet

July 3, 2020

Data shown is for the current revision model #. Ensure your nameplate model # matches.

Model Number:	5KFE131ZWL1113
Catalog Number:	--
Instruction Manual:	GEI-M1052-SP
Connection Diagram:	--
Outline Drawing:	358B6964AB

Accessory Connection Diagrams

Bearing Thermocouple:	None	Heater:	None
RTD:	None	Thermistor:	--
Thermostat:	None	Winding Thermocouple:	None
Bearing RTD:	None		

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Marks:

MODEL NUMBER:	5KFE131ZWL1113	Estimated Weight(kg):	63
Outline Drawing:	358B6964AB	Duty:	S1
Connection Diagram:	--	Enclosure:	TEFC
Connection:	DELTA / WYE	Encl Construction:	Energy Saver
Instruction Book:	GEI-M1052-SP	Cooling (IC):	411
Design Code:	NA	Protection (IP):	55
Type:	KFE	Ambient Max (°C):	40
Frame:	132S	Alt Ambient Max(°C):	--
Mounting (IM):	B3	Ambient Min(°C):	-15
Phases:	3	Insulation Class:	F
Poles:	2	IEC Design:	N
Output Power:	10HP/7.5kW	Nominal Efficiency (%):	IE2-88.1
RPM:	2910	Guaranteed Efficiency (%):	86.3
Voltage(V):	400/690	Power Factor (%):	89
Hertz:	50	Bearing - DE:	6208/2Z C3
Amps - FL:	13.8 /8.0	Bearing - ODE:	6305/2Z C3
Service Factor:	1.15	Vibration (mm/s) rms:	1.6
Alt Service Factor:	--		

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:**Additional Information:**

SUITABLE FOR DOL STARTING
 ROTATION: CW VIEWED FROM DE
 INVERTER DUTY PER IEC TS 60034-25, SECTION 18
 INVERTER RATED PWM 20:1 VARIABLE TORQUE, 1.0 SF



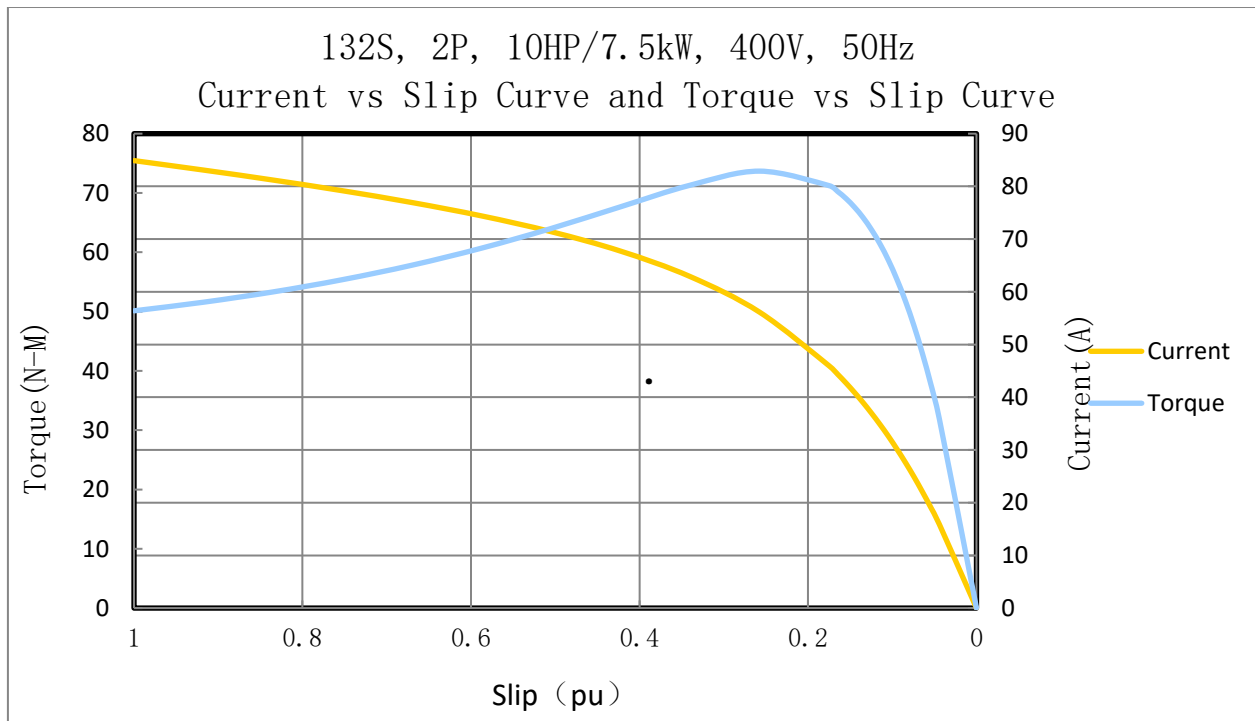
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	86.93	87.63	88.55	89.72	90.04	87.64	0.00
% PF	93.68	93.63	93.30	91.68	86.52	69.29	40.17
AMPS	16.61	15.17	13.09	9.87	6.95	4.45	3.45

TORQUE(FL) N-m 24.7 TORQUE(LR)%FL 203 TORQUE(BD)%FL 292
 AMPS(LR 400V) 84.9 PF AT START 40.17%

Other Useful Information for Application:

Rotor Inertia (Kg-m ²) :	0.01822
Max load inertia (Kg-m ²):	0.46373
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	2.8
Safe stall time (sec): Cold/Hot	19.2/7.8



Marks:

