



GE INDUSTRIAL MOTORS
a WOLONG company

Product Information Packet

January 10, 2024

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

Model Number:	5KFS132ZWL2117
Catalog Number:	WI290
Instruction Manual:	GEI-M1052-SP
Connection Diagram:	--
Outline Drawing:	358B6964AA

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:	5KFS132ZWL2117	Estimated Weight(kg):	77
Outline Drawing:	358B6964AA	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:	KFS	Ambient Max (°C):	40
Frame:	132M	Alt Ambient Max(°C):	--
Mounting (IM):	B3	Ambient Min(°C):	-15
Phases:	3	Insulation Class:	F
Poles:	4	IEC Design:	N
Output Power:	10HP/7.5kW	Nominal Efficiency (%):	IE3-90.4
RPM:	1445	Guaranteed Efficiency (%):	89.0
Voltage(V):	400/690	Power Factor (%):	84.0
Hertz:	50	Efficiency at 75% load (%):	91.2
Amps - FL:	14.3/8.26	Efficiency at 50% load (%):	90.9
Service Factor:	1.15	Bearing - DE:	6208/2Z C3
Alt Service Factor:	--	Bearing - ODE:	6305/2Z C3
		Vibration (mm/s) rms:	2.8

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



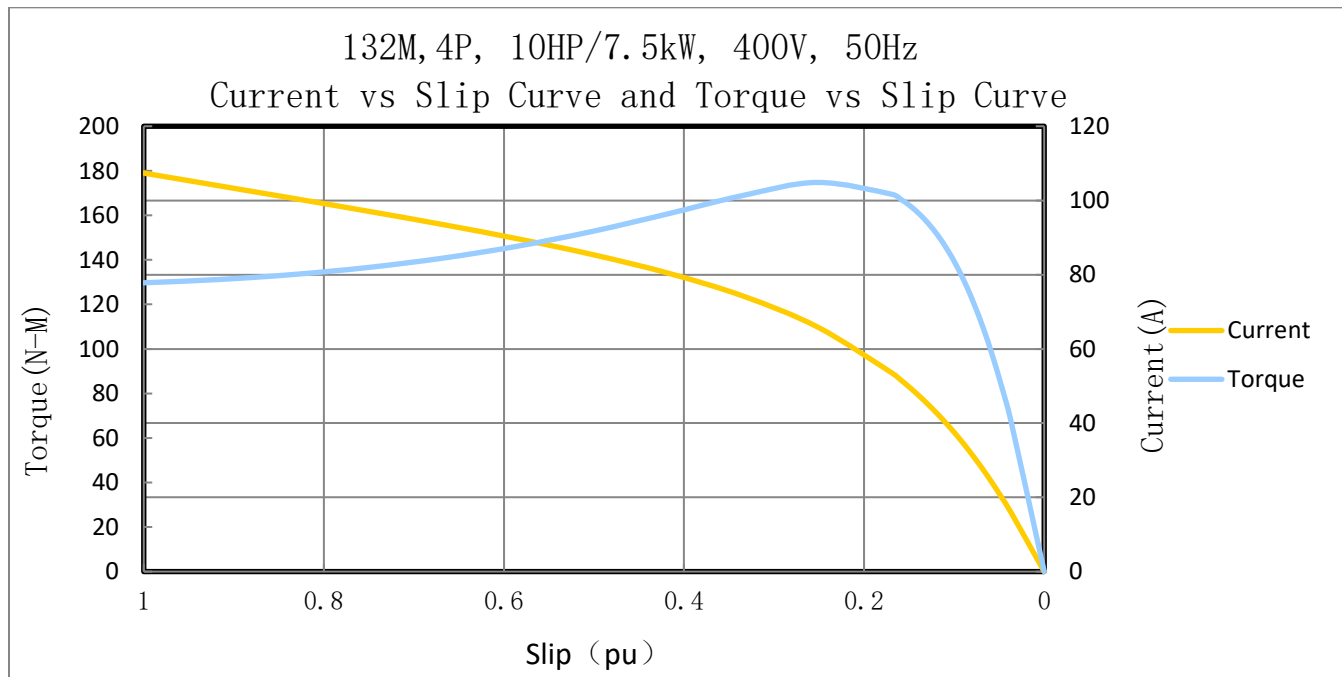
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	89.54	90.03	90.68	91.4	91.32	88.47	0
% PF	87.73	86.91	85.09	79.52	68.04	44.37	21.81
AMPS	17.23	15.91	14.03	11.17	8.71	6.89	6.31

TORQUE(FL) N-m 49.6 TORQUE(LR)%FL 261.4 TORQUE(BD)%FL 338.4
 AMPS(LR 400V) 107.6 PF AT START 21.81%

Other Useful Information for Application:

Rotor Inertia (Kg-m ²) :	0.032
Max load inertia (Kg-m ²):	1.643
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	15.8/6.4



Marks:

