



GE INDUSTRIAL MOTORS
a **WOLONG** company

Product Information Packet

March 17, 2022

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

Model Number:	5KFS192ZWL1116
Catalog Number:	WI264
Instruction Manual:	GEI-M1052-SP
Connection Diagram:	--
Outline Drawing:	358B6966AB

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:	5KFS192ZWL1116	Estimated Weight(kg):	168
Outline Drawing:	358B6966AB	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:	180M	Alt Ambient Max(°C):	--
Mounting (IM):	B3	Ambient Min(°C):	-15
Phases:	3	Insulation Class:	F
Poles:	2	IEC Design:	N
Output Power:	30HP/22kW	Nominal Efficiency (%):	IE3-92.7
RPM:	2945	Guaranteed Efficiency (%):	91.6
Voltage(V):	400/690	Power Factor (%):	89
Hertz:	50	Bearing - DE:	6310/2Z C3
Amps - FL:	38.5/22.2	Bearing - ODE:	6308/2Z C3
Service Factor:	1.15	Vibration (mm/s) rms:	2.8
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



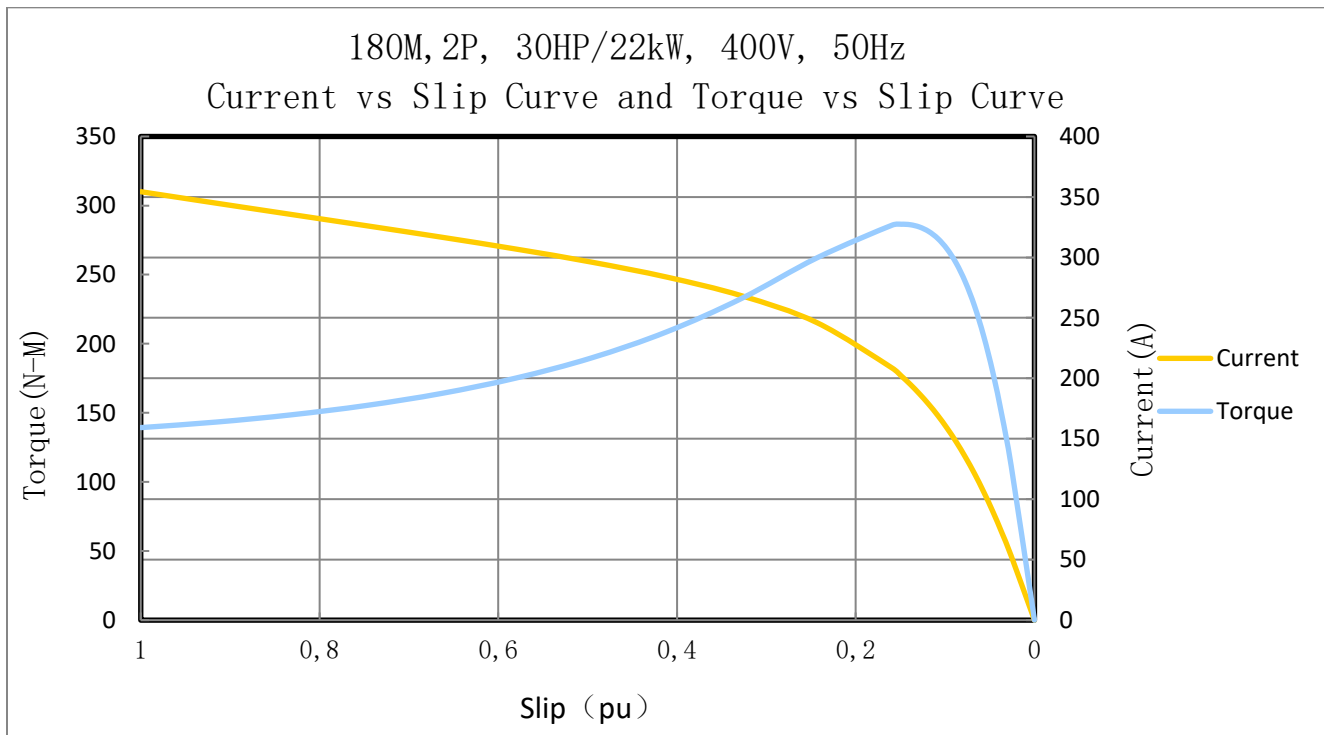
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	92.74	92.99	93.32	93.65	93.46	91.32	0
% PF	93.61	93.32	92.67	90.22	84.02	64.57	35.01
AMPS	45.72	42.08	36.72	28.19	20.22	13.46	10.81

TORQUE(FL) N-m 71 TORQUE(LR)%FL 196.2 TORQUE(BD)%FL 392.7
 AMPS(LR 400V) 354.3 PF AT START 35.01%

Other Useful Information for Application:

Rotor Inertia (Kg-m ²) :	0.092
Max load inertia (Kg-m ²):	1.306
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	2.5
Safe stall time (sec): Cold/Hot	17.4/7.1



Marks:

