



GE INDUSTRIAL MOTORS
a **WOLONG** company

Product Technical Information

February 17, 2023

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

Model Number:	5KS326BAA115
Catalog Number:	M1164
Instruction Manual:	GEI-56128
Connection Diagram:	GEM2034E-FIG9
Outline Drawing:	239CG000AA

Accessory Connection Diagrams

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

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Marks:

MODEL NUMBER:	5KS326BAA115
Outline Drawing:	239CG000AA
Connection Diagram:	GEM2034E-FIG9
Instruction Book:	GEI-56128
Design Code:	32BD0112A
Type:	KS
Frame:	326TS
Phases:	3
Poles:	2
Output Power:	50HP 37KW
RPM:	3565
Voltage:	230/460
Hertz:	60
Amps - FL:	117.0/58.5
Service Factor:	1.15
Alt Service Factor:	--

Estimated Weight:	670 Lbs
Time Rating:	CONT
Enclosure:	TEFC
Encl Construction:	GP
Ambient Max(°C):	40
Alt Ambient Max(°C):	--
Insulation Class:	F
NEMA Design:	B
Nominal Efficiency:	93.0 %
Guaranteed Efficiency:	--
3/4 Load Efficiency:	--
KVA Code:	G
Max KVAR:	15.2
Power Factor:	86.0
Bearing - DE:	6210ZC3
Bearing - ODE:	6210ZC3

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:

VT 0-60 HZ NEMA MG1-31



Additional Information:

2P - TS EXTN
C/BOX 346 CU IN - 3.00" NPT
F1 MOUNTING
INVERTER DUTY PER NEMA MG1 PART 31
ALTERNATE RATING FOR PWM CONTROL:1.0SF 40C AMBIENT
VAR TORQUE RANGE 0-60 HZ



Performance Characteristics

1st Winding 1st Connection

Design: 32BD0112A

Marks:

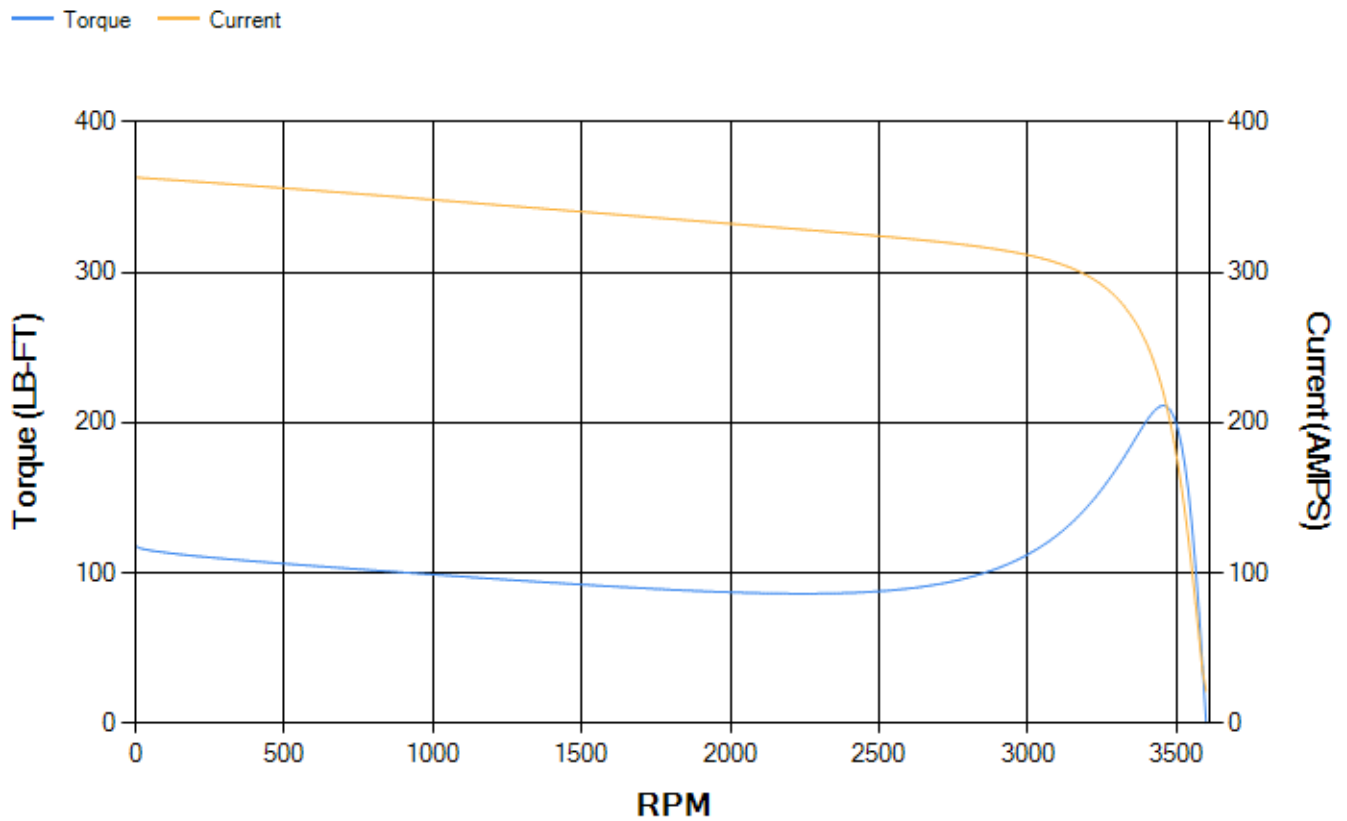
LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	93.06	93.31	93.8	93.75	93.07	89.44	0.00
% PF	87.6	87.16	86.04	82.19	73.18	51.26	5.52
AMPS	71.76	66.17	57.92	45.55	34.36	25.52	21.24

TORQ(FL)#FT	73.65	TORQ(LR)%FL	160.29	TORQ(BD)%FL	286.84
AMPS(LR)	363.26	PF AT START	0.31		

This motor is capable of two cold or one hot start with a maximum connected load inertia of 127 Lb-Ft Sq (5.35 Kg-meter Sq)at 100% voltage, where the load torque varies with the square of the speed. Acceleration time with maximum inertia and the above load type is 19 seconds. Safe stall time at 100% voltage is 45 seconds cold, 22 seconds hot. Rotor inertia is 4.02 Lb-Ft Sq (0.17 Kg-meter Sq).

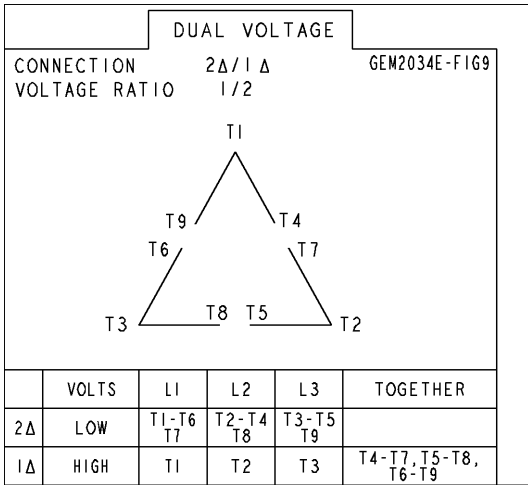
Open Circuit A-C:	0.702	Short Circuit D-C:	0.018
Short Circuit A-C:	0.039	X/R Ratio:	6.692
Stator Slots:	48	Rotor Slots:	38

Speed Torque Current Curve (First Connection, First Speed)



Marks:

Connection Diagram
GEM2034E-FIG9



End shield Assembly		
Part Description	DE Side Part#	ODE Side Part#
End Shield	115E4201AA1	115E4201ZA1
Bearing	235A2610AA01	235A2610AA01
Slinger/Inproseal	149C4399G03	

Fan & Fan Cover Assembly	
Part Description	Part#
Fan	159C6700G02
Fan Cover	128D6854AA1

Conduit & Accessories Box Assembly	
Part Description	Part#
Conduit Box	149C4429AA2

Mechanical Accessories	
Part Description	Part#
Brake	
Tachometer	

