



GE INDUSTRIAL MOTORS
a **WOLONG** company

Product Technical Information

January 18, 2021

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

Model Number:	5KS364SAA208D14
Catalog Number:	M9919
Instruction Manual:	GEI-56128
Connection Diagram:	GEM2034E-FIG7
Outline Drawing:	239C6200GM

Accessory Connection Diagrams

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

Table of Contents

Specification	01
Performance Characteristics	02
Outline Drawing	03
Connection Drawing(s)	04
Spare parts	05

Marks:

MODEL NUMBER:	5KS364SAA208D14	Estimated Weight:	970 Lbs
Outline Drawing:	239C6200GM	Time Rating:	CONT
Connection Diagram:	GEM2034E-FIG7	Enclosure:	TEFC
Instruction Book:	GEI-56128	Encl Construction:	841
Design Code:	36BD1188A	Ambient Max(°C):	40
Type:	KS	Alt Ambient Max(°C):	--
Frame:	364T	Insulation Class:	H
Phases:	3	NEMA Design:	B
Poles:	4	Nominal Efficiency:	95.0 %
Output Power:	60HP 44.4KW	Guaranteed Efficiency:	94.5 %
RPM:	1780	3/4 Load Efficiency:	--
Voltage:	460	KVA Code:	G
Hertz:	60	Max KVAR:	20.9
Amps - FL:	71.7	Power Factor:	82.5
Service Factor:	1.15	Bearing - DE:	6314ZC3
Alt Service Factor:	--	Bearing - ODE:	6314ZC3

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:

IEEE-STD-841-2009

DE BRG 70BC03JP30, ODE BRG 70BC03JP30

STAMP NP249A5564P051 AS BELOW:

MODEL:5KS364SAA208D14 S/N: XXX

CSA CERTIFIED CSA09.2216219 FOR EX NA IIC 200 C GC

CL 1 ZONE2 AEX NA IIC 200C;CL 1 DIV2 GRP ABCD 200C

IN -40C <= AMB <= 40C, 1.0 SF ON SINE-WAVE PWR

SURF TEMP 260C AT 1.15SF ON SINE-WAVE PWR

OR 200C VT OR 230C CT OR 200C CHP PWM CONTROL

ALTERNATE RATING FOR PWM CONTROL 1.0SF 40C AMB

VT 0 - 60 HZ, CT 6-60 HZ, CHP 60-90 HZ.



Additional Information:

4P - T EXTN
PAINTED FRAME ID & SHAFT,
FAN COVER INSIDE & ODE E/S OUTSIDE
C/BOX 346 CU IN - 3.00" NPT
OIL RESISTANT SLEEVING ON LEADS
.0015" TIR SHAFT RUNOUT
ROUTINE TEST REPORT AND 5 POINT VIBRATION TEST
REPORT INCLUDED IN C/B
GROUND PAD
F1 MOUNTING



Performance Characteristics

1st Winding 1st Connection

Design: 36BD1188A

Marks:

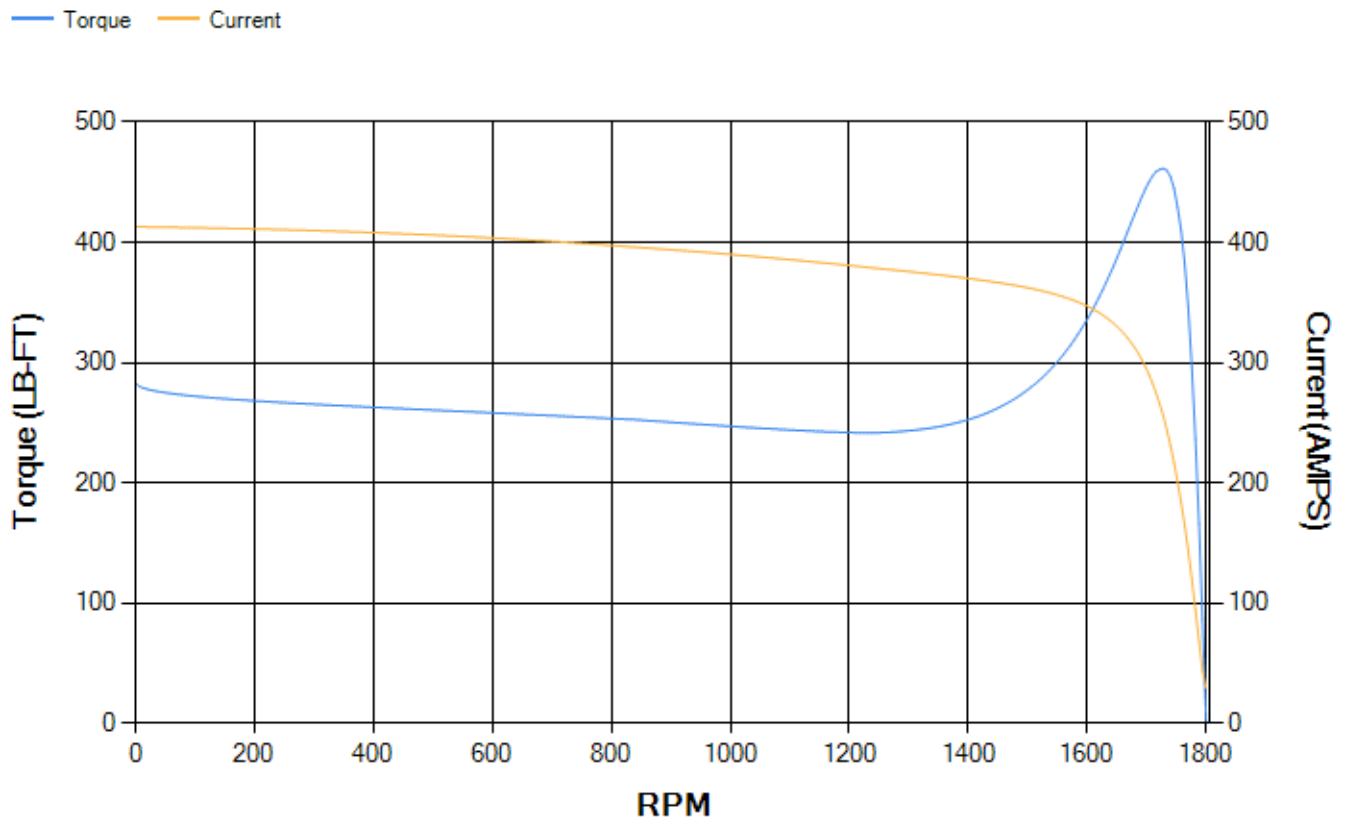
LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	94.37	94.62	95.12	95.18	94.85	92.37	0.00
% PF	84.32	83.76	82.36	77.74	67.51	44.89	3.18
AMPS	88.21	81.49	71.51	56.91	43.85	33.86	29.19

TORQ(FL)#FT	176.81	TORQ(LR)%FL	160.18	TORQ(BD)%FL	260.3
AMPS(LR)	412.91	PF AT START	0.31		

This motor is capable of two cold or one hot start with a maximum connected load inertia of 1190 Lb-Ft Sq (50.1 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 33 seconds. Safe stall time at 100% voltage is 76 seconds cold, 39 seconds hot. Rotor inertia is 12.1 Lb-Ft Sq (0.51 Kg-meter Sq).

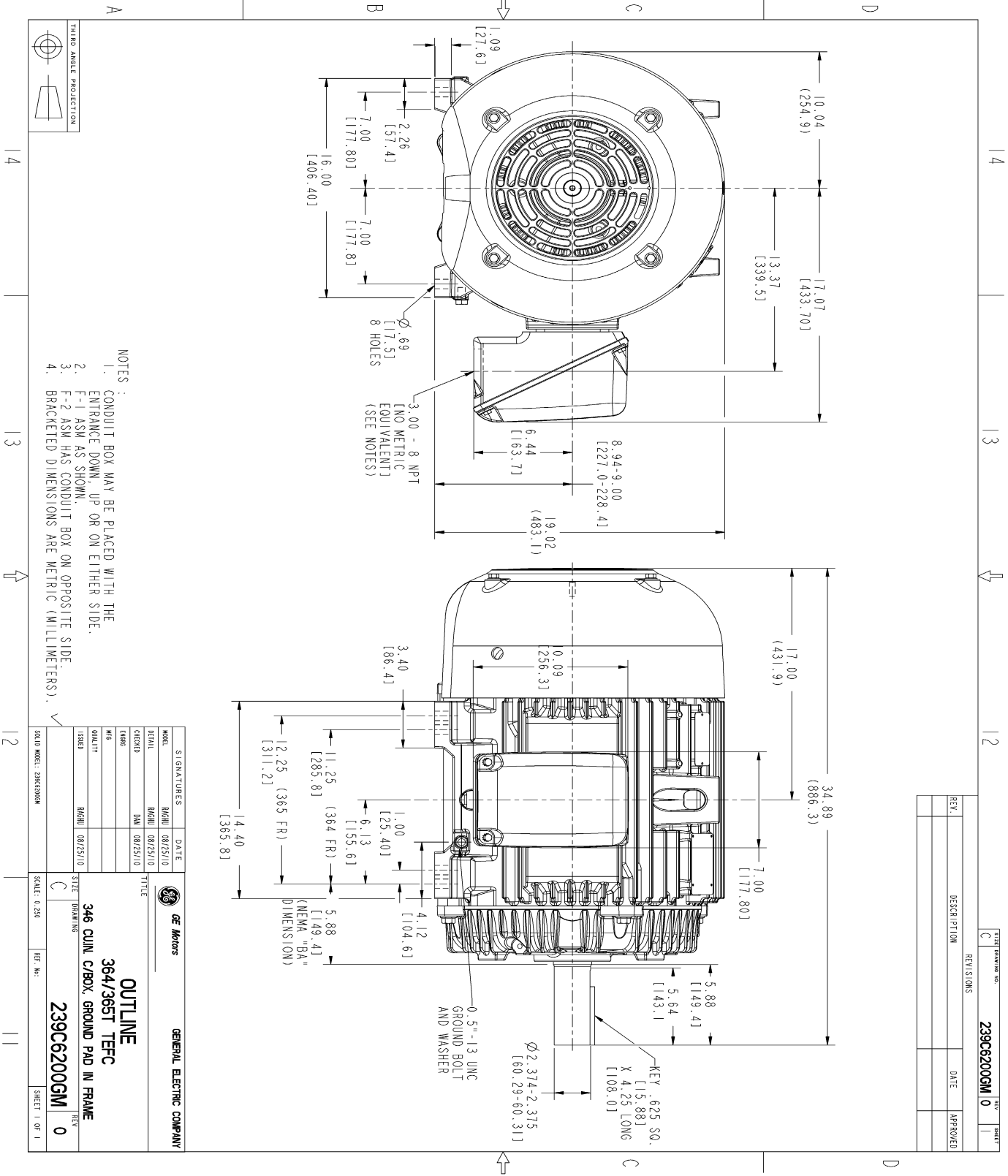
Open Circuit A-C:	0.601	Short Circuit D-C:	0.024
Short Circuit A-C:	0.035	X/R Ratio:	9.207
Stator Slots:	60	Rotor Slots:	50

Speed Torque Current Curve (First Connection, First Speed)



NAME:320002276 OBJECT:239C6200GM DATE:26-Aug-10 13:08:26

Marks:



- NOTES :
1. CONDUIT BOX MAY BE PLACED WITH THE ENTRANCE DOWN, UP OR ON EITHER SIDE.
 2. F-1 ASM AS SHOWN.
 3. F-2 ASM HAS CONDUIT BOX ON OPPOSITE SIDE.
 4. BRACKETED DIMENSIONS ARE METRIC (MILLIMETERS).

SIGNATURES		DATE	
MOELL	RIEHL	08/25/10	
CHEN	JAN	08/25/10	
TITLE			
GE Motors		GENERAL ELECTRIC COMPANY	
OUTLINE			
364/365T TEFC			
346 CUIN. C/BOX, GROUND PAD IN FRAME			
239C6200GM			
SCALE: 0.250		SHEET 1 OF 1	

REV.	DESCRIPTION	DATE	APPROVED

STANDARD NO. 239C6200GM 0

Marks:

Connection Diagram
GEM2034E-FIG7



End shield Assembly		
Part Description	DE Side Part#	ODE Side Part#
End Shield	115E4250AA1	115E4250LK1
Bearing	235A2516AC01	235A2516AC01
Slinger/Inproseal	149C4399G05	149C4399G05

Fan & Fan Cover Assembly	
Part Description	Part#
Fan	159C7100AA1
Fan Cover	128D6810AA1

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

Mechanical Accessories	
Part Description	Part#
Brake	
Tachometer	

