



GE INDUSTRIAL MOTORS
a **WOLONG** company

Product Technical Information

June 25, 2020

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

Model Number:	5KS365XAA218D
Catalog Number:	M9392
Instruction Manual:	GEI-56128
Connection Diagram:	GEM2034E-FIG7
Outline Drawing:	239C6200RD

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:	5KS365XAA218D	Estimated Weight:	1020 Lbs
Outline Drawing:	239C6200RD	Time Rating:	CONT
Connection Diagram:	GEM2034E-FIG7	Enclosure:	TEFC
Instruction Book:	GEI-56128	Encl Construction:	841
Design Code:	36BD1227A	Ambient Max(°C):	40
Type:	KS	Alt Ambient Max(°C):	--
Frame:	365TS	Insulation Class:	H
Phases:	3	NEMA Design:	B
Poles:	4	Nominal Efficiency:	95.4 %
Output Power:	75HP 55.5KW	Guaranteed Efficiency:	95.0 %
RPM:	1785	3/4 Load Efficiency:	95.5 %
Voltage:	460	KVA Code:	G
Hertz:	60	Max KVAR:	26.6
Amps - FL:	89.2	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:5KS365XAA218D 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 -25C <= AMB <= 40C, 1.0 SF ON SINE-WAVE PWR

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

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

ALTERNATE RATING FOR PWM CONTROL 1.0SF 40C AMB

VT 0-60 HZ, CT 10-60 HZ, CHP 60-90 HZ.



Additional Information:

4P - TS EXTN
PAINTED FRAME ID & SHAFT,
FAN COVER INSIDE & ODE E/S OUTSIDE
346 CU IN - 3.00" NPT
INPRO SEAL BOTH ENDS
OIL RESISTANT SLEEVING ON LEADS
.0015" TIR SHAFT RUNOUT
ROUTINE TEST REPORT AND 5 POINT VIBRATION TEST
REPORT INCLUDED IN C/B
COPPER WASHER UNDER HEADS OF BEARING CAP BOLTS,
APPLY TITE-SEAL (A50CD427A) ON BEARING CAP SCREWS,
RABBETS AND PLUG THREADS.
GROUND PAD
F1 MOUNTING



Performance Characteristics

1st Winding 1st Connection

Design: 36BD1227A

Marks:

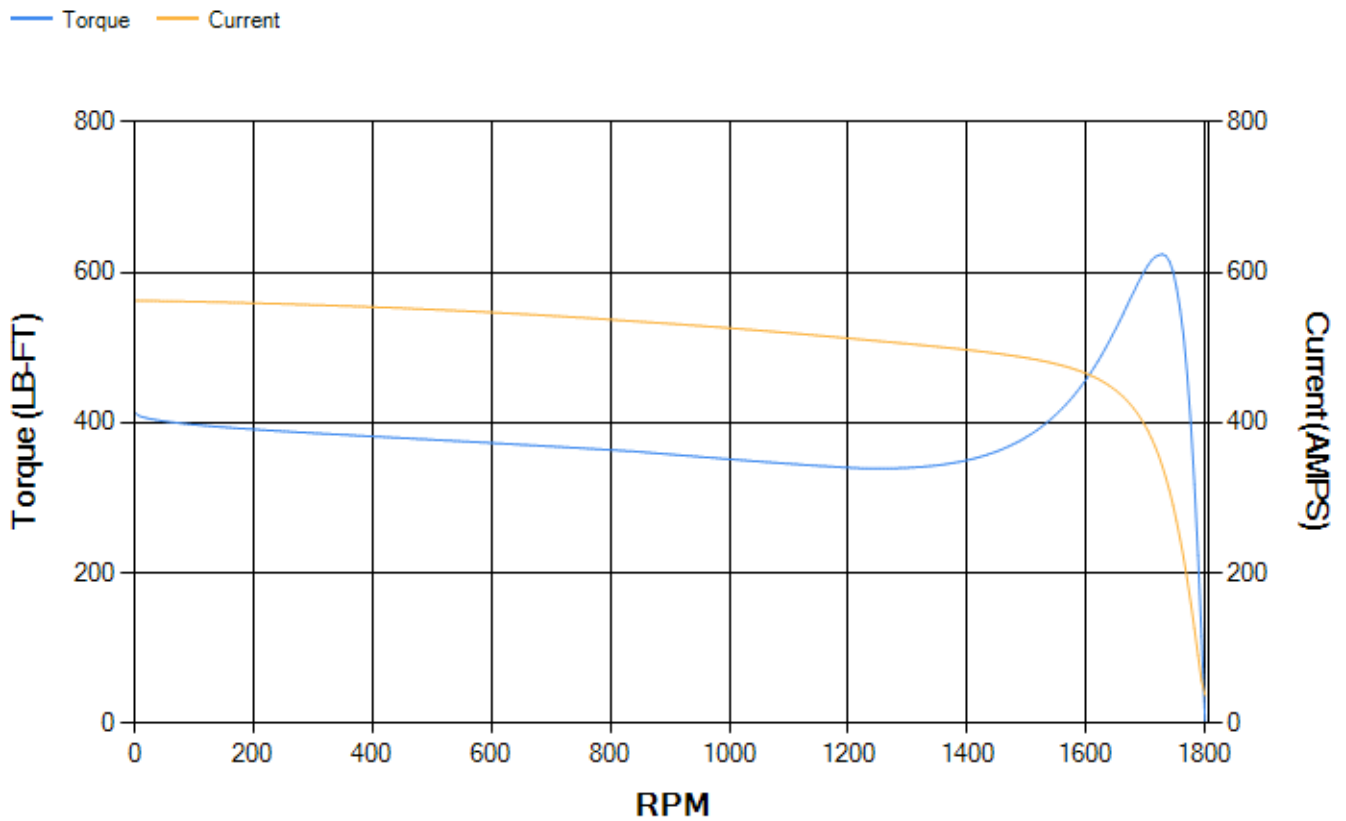
LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	94.85	95.06	95.52	95.53	95.19	92.82	0.00
% PF	84.6	83.94	82.4	77.53	67	44.19	2.93
AMPS	109.35	101.17	89	71.08	55.03	42.78	37.09

TORQ(FL)#FT	220.86	TORQ(LR)%FL	187.39	TORQ(BD)%FL	281.77
AMPS(LR)	562.56	PF AT START	0.32		

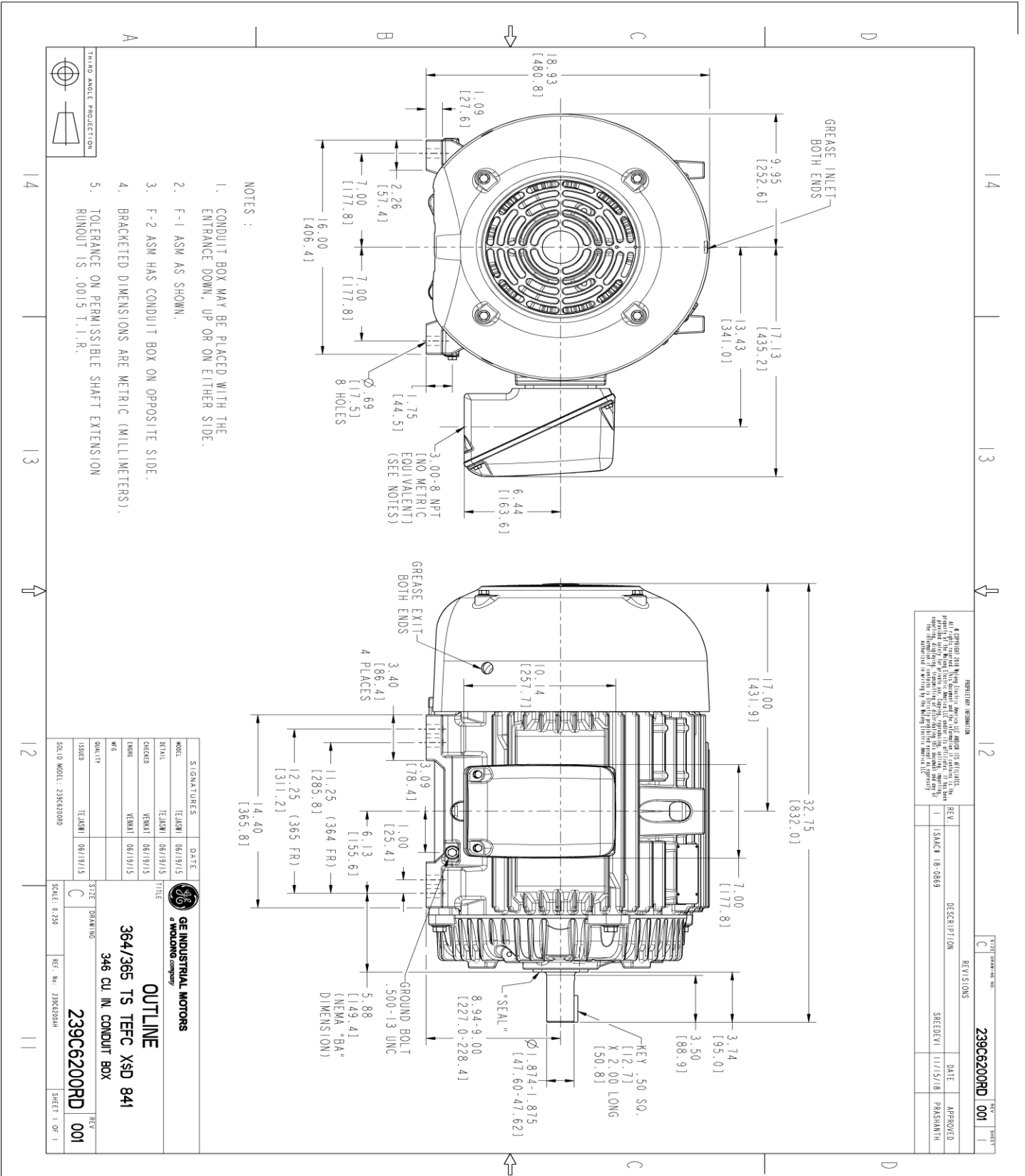
This motor is capable of two cold or one hot start with a maximum connected load inertia of 1432 Lb-Ft Sq (60.29 Kg-meter Sq) at 100% voltage, where the load torque varies with the square of the speed. Acceleration time with maximum inertia and the above load type is 27 seconds. Safe stall time at 100% voltage is 65 seconds cold, 32 seconds hot. Rotor inertia is 15.13 Lb-Ft Sq (0.64 Kg-meter Sq).

Open Circuit A-C:	0.625	Short Circuit D-C:	0.025
Short Circuit A-C:	0.034	X/R Ratio:	9.412
Stator Slots:	60	Rotor Slots:	50

Speed Torque Current Curve (First Connection, First Speed)



Marks:



REVISIONS		DATE	APPROVED
1	ISSUED	11/15/18	PRAASHANTH
DESCRIPTION			
239C6200RD 001			

SIGNATURES	DATE
TEJASNI	06/19/15
TEJASNI	06/19/15
TEJASNI	06/19/15
TEJASNI	06/19/15
TEJASNI	06/19/15
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OUTLINE

364/365 TS TEC XSD 841

346 CU IN CONDUIT BOX

239C6200RD

SCALE: 0.250 REF. NO: 239C6200AH



- CONDUIT BOX MAY BE PLACED WITH THE ENTRANCE DOWN, UP OR ON EITHER SIDE.
- F-1 ASM AS SHOWN.
- F-2 ASM HAS CONDUIT BOX ON OPPOSITE SIDE.
- BRACKETED DIMENSIONS ARE METRIC (MILLIMETERS).
- TOLERANCE ON PERMISSIBLE SHAFT EXTENSION RUNOUT IS .0015 T.I.R.

MODEL	DATE
5KS365XAA218D	06/19/15
364/365 TS TEC XSD 841	06/19/15
346 CU IN CONDUIT BOX	06/19/15
239C6200RD	06/19/15

SCALE: 0.250 REF. NO: 239C6200AH

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	235A4575GS3	235A4575GS3

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	

