

Product Information Packet

November 7, 2016

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

Model Number:	5KS326ATE205A
Catalog Number:	E737
Instruction Manual:	GEI-M1023
Connection Diagram:	GEM2034E-FIG10
Outline Drawing:	358B6218AB

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:	5KS326ATE205A	Estimated Weight:	750 Lbs
Outline Drawing:	358B6218AB	Time Rating:	CONT
Connection Diagram:	GEM2034E-FIG10	Enclosure:	DP
Instruction Book:	GEI-M1023	Encl Construction:	OPEN
Design Code:	32AD1006A	Ambient Max(°C):	40
Type:	KS	Alt Ambient Max(°C):	--
Frame:	326T	Insulation Class:	F
Phases:	3	NEMA Design:	A
Poles:	4	Nominal Efficiency:	94.5 %
Output Power:	50HP 37KW	Guaranteed Efficiency:	93.6
RPM:	1780	3/4 Load Efficiency:	94.6
Voltage:	230/460	KVA Code:	H
Hertz:	60	Max KVAR:	16
Amps - FL:	120.8/60.4	Power Factor:	82
Service Factor:	1.15	Bearing - DE:	6312
Alt Service Factor:	--	Bearing - ODE:	6312

Enclosure is Dripproof

Stamped Nameplate Notes:**Additional Information:**

4 POLE DP
 LRA: 886.8/443.4
 NO. OF MOTOR LEADS: 12
 CONDUIT BOX VOLUME (IN³): 253
 CONDUIT BOX MTL: STAMPED STEEL
 GREASE TYPE: CHEVRON SRI-2 POLYUREA GREASE
 USABLE AT 200V @ 50HP, 133 AMPS @ 1.0 SF
 50 HZ DATA: 50HP, 200/400V, 140.6/70.3 AMPS AT 1.0SF, 1475 RPM
 SOUND POWER: 75.5
 DMK, 06/04, DATA UPDATE 11/2004
 INVERTER DUTY PER NEMA MG1 PART 31
 FOR VARIABLE TORQUE LOADS

Performance Characteristics

1st Winding 1st Connection

Design: 32AD1006A

Marks:

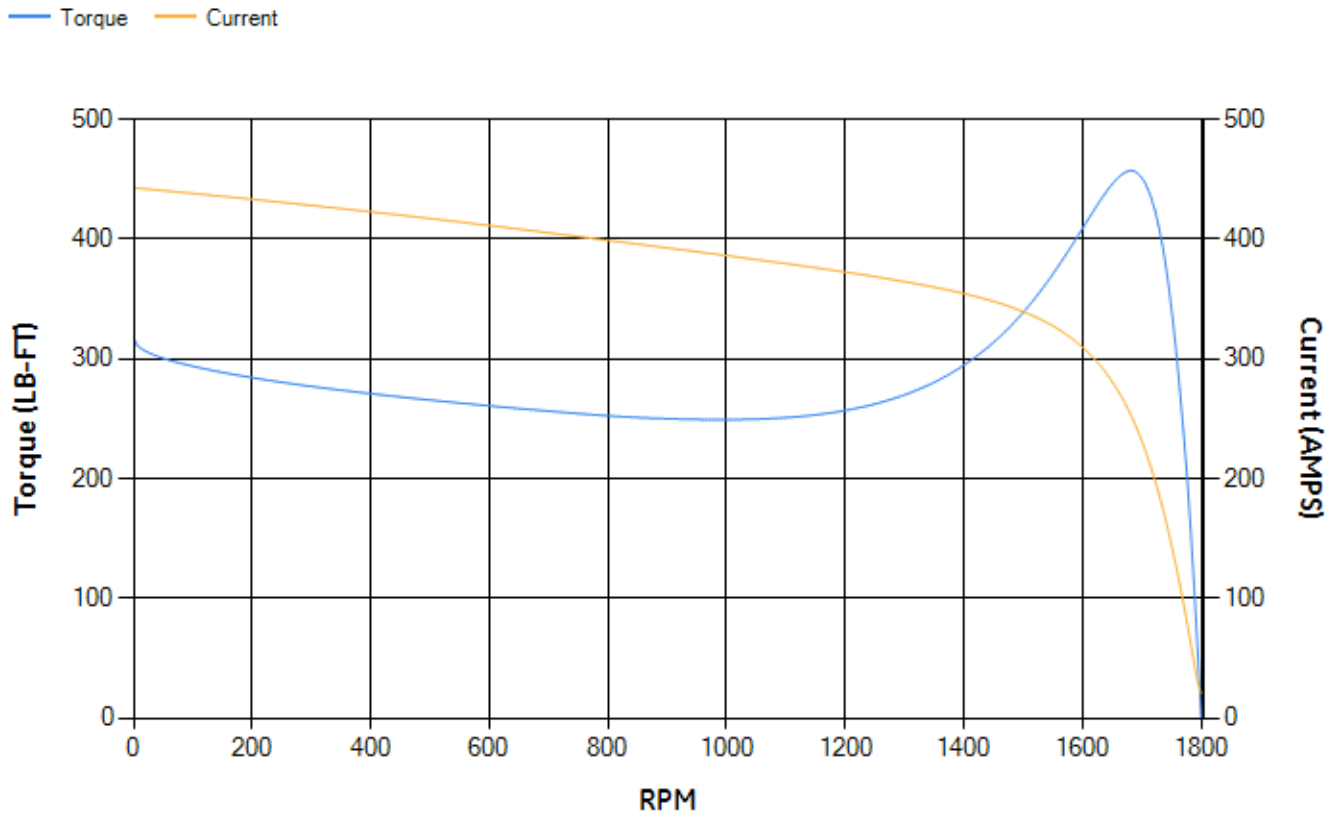
LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	93.87	94.12	94.6	94.56	93.98	90.8	0.00
% PF	84.85	84.66	83.88	80.6	72.27	51.17	5.09
AMPS	73.44	67.54	58.97	46.05	34.45	25.18	20.57

TORQ(FL)#FT	147.46	TORQ(LR)%FL	215.03	TORQ(BD)%FL	309.15
AMPS(LR)	442.81	PF AT START	0.33		

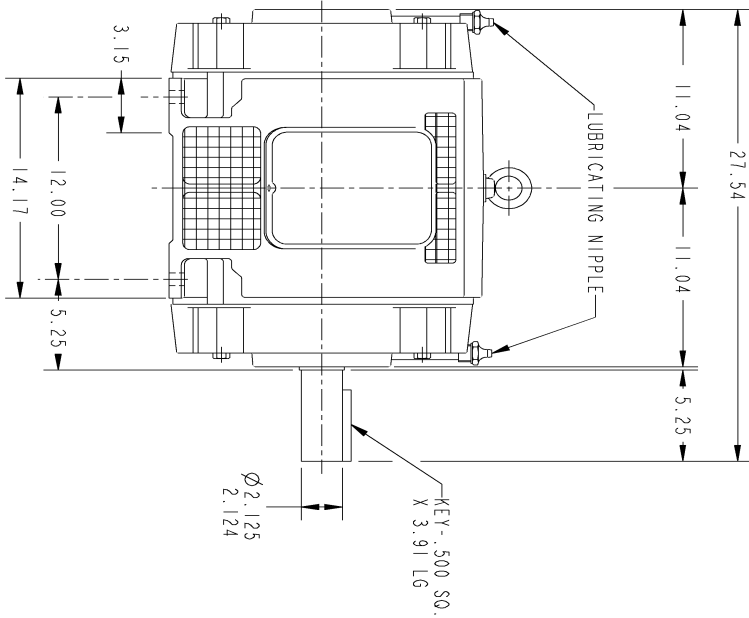
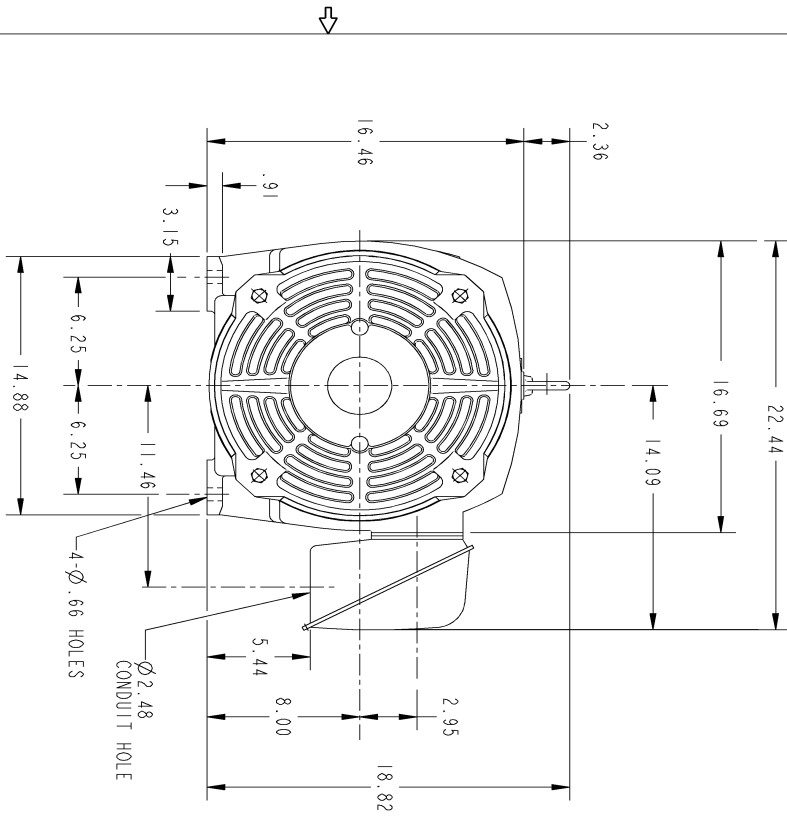
This motor is capable of two cold or one hot start with a maximum connected load inertia of 1345 Lb-Ft Sq (56.62 Kg-meter Sq)at 100% voltage, where the load torque varies with the square of the speed. Acceleration time with maximum inertia and the above load type is 33 seconds. Safe stall time at 100% voltage is 56 seconds cold, 45 seconds hot. Rotor inertia is 8.37 Lb-Ft Sq (0.35 Kg-meter Sq).

Open Circuit A-C:	0.674	Short Circuit D-C:	0.023
Short Circuit A-C:	0.029	X/R Ratio:	8.547
Stator Slots:	48	Rotor Slots:	40

Speed Torque Current Curve (First Connection, First Speed)



Marks:



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REV.	DESCRIPTION	DATE	APPROVED
1	ISAAC 07-0770	05/03/07	R. KOHNE
2	ISAAC 15-0375	04/22/15	HARIKIRAN

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.



THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED:		SIGNATURES		DATE	
DIMENSIONS ARE IN INCHES	DRAWN	PRABHAKAR 03/27/103		03/27/103	
TOLERANCE ON: 2 PL DECIMALS ± .	CHECKED	PRABHAKAR 03/27/103		03/27/103	
3 PL DECIMALS ± .	ENGR	PRABHAKAR 03/27/103		03/27/103	
ANGLES ± 1°	ISSUED	PRABHAKAR 03/27/103		03/27/103	
MATERIAL:	APPLIED PRACTICES	326T - OPEN DRIP PROOF			
SCALE: DRAWING SCALE		358B6218AB			
DISTRIBUTION:		REV. 2			

GE Industrial Systems
 GENERAL ELECTRIC COMPANY
 Fort Wayne, Indiana

OUTLINE

358B6218AB

SHEET 1 OF 1

Marks:

Connection Diagram
GEM2034E-FIG10

