



## CUSTOM 8000® INDUCTION MOTOR

WEIGHTS ( lb )	SPACE HEATER
STATOR 2100	
ROTOR 1350	WATTS 535
TOP HAT	VOLTS 120
	PHASE 1
TOTAL 5100	

DIRECTION OF ROTATION FACING TOP
* CCW WITH T1,T2,T3 PHASE SEQUENCE
WITH PHASE SEQUENCE

MODEL	5KV82303618501
RATED POWER	300 HP
RPM	885
AMP	41.1
VOLTS	4000
PHASE 3	HERTZ 60
POWER FACTOR	0.924
EFFICIENCY	85 (%)
SERVICE FACTOR	1.00
INSULATION CLASS	F
TEMPRISE 90 °C	STATOR BY RTD @ 1.00 SF
TEMPRISE °C	ROTOR BY RESISTANCE
TIME RATING	CONTINUOUS
AMB TEMP(°C) 40 MAX	- 18 MIN
ALTITUDE	3300 (ft)
* T4, T5, T6 TOGETHER	
STATOR / ROTOR (SLOTS): 96/117	

SERIAL NO	CLH 282005286
TYPE KV	ENCLOSURE WPI
FRAME	8230P30
LRA(%) 580	CODE F
SECONDARY AMP.	
SECONDARY VOLTS	
DRIVE END BRG (LO) SLEEVE	
LUBRICATION 150 SSU AT 100°F	
LUBRICANT OIL	
OPPDRIVE END BRG (UP) KINGSBURY	
LUBRICATION OIL	
LUBRICANT 300 SSU AT 100°F	
OIL PRESSURE TO	
OIL FLOW TO /BRG	
MANUFACTURING DATE 03/2017	

INSTALL AND GROUND THIS MACHINE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SOUND LOCAL PRACTICES. CONTACT WITH ROTATING OR ELECTRICALLY ENERGIZED PARTS CAN BE HAZARDOUS. BEFORE STARTING MAINTENANCE PROCEDURES DE-ENERGIZE ALL POWER SOURCES TO THE MACHINE AND ACCESSORY DEVICES. BE CERTAIN THAT EQUIPMENT CONNECTED TO THE SHAFT WILL NOT CAUSE MECHANICAL ROTATION. FAILURE TO OBSERVE NECESSARY PRECAUTIONS MAY RESULT IN SERIOUS INJURY.

WARNING

LIFTING LUGS ON TOP COVER ARE INTENDED FOR LIFTING TOP COVER ONLY. DO NOT USE FOR LIFTING ENTIRE MACHINE. LIFTING LUGS ON MACHINE FOR LIFTING MACHINE ONLY. DO NOT USE FOR LIFTING COUPLED EQUIPMENT AND/OR BASES. FAILURE TO OBSERVE THESE PRECAUTIONS MAY RESULT IN DAMAGE TO THE EQUIPMENT. INJURY TO PERSONNEL OR BOTH.

CAUTION

BEFORE INSTALLING OR OPERATING READ INSTRUCTION BOOK

GEPP-346-I

M80C771267

GEVISA S/A - GE POWER CONVERSION  
ROD SP 101 KM 3.8 - CAMPINAS - SP - CEP 13064-654

MADE IN BRAZIL

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## SPECIAL STARTING INSTRUCTIONS

### NORMAL STARTING (NEMA)

THIS MOTOR MAY BE STARTED TWICE SUCCESSIVELY FROM AMBIENT TEMPERATURE OR ONCE FROM RATED MOTOR TEMPERATURE WHEN DRIVING A LOAD WK' OF 152 LB. FT'. AT 80 % RATED VOLTAGE, AND WITH A LOAD TORQUE CURVE WHICH VARIES AS A FAN CURVE WHICH DOES NOT EXCEED 100 % FULL LOAD TORQUE AT RATED SPEED.

### ADDITIONAL REPETITIVE STARTS

REPETITIVE STARTS, WHEN NEEDED FOR EMERGENCY OR TESTING CONDITIONS, ARE GOVERNED BY MOTOR OPERATING TEMPERATURE IN ABSENCE OF THERMAL DEVICES TO DETERMINE MACHINE TEMPERATURE. THE FOLLOWING CAN BE USED AS A GUIDE THE MOTOR CAN BE ASSUMED TO HAVE RETURNED TO RATED TEMPERATURE AFTER 45 MINS. IDLE TIME, OR 15 MINS. RUNNING TIME, AT WHICH TIME ANOTHER START IS PERMISSIBLE.

### CAUTION

- 1- EACH START STRESSES THE WINDINGS THERMALLY AND MECHANICALLY. UNNECESSARY STARTS SHOULD BE AVOIDED.
- 2- A " START " HERE MEANS THAT THE MOTOR HAS COME UP TO RATED SPEED. THE FIGURES DO NOT APPLY FOR STALL CONDITIONS.

NP205218-001

### COOLING COIL DATA

NOMINAL WATER FLOW (NOMINAL): 9.5 gpm  
MAXIMUM INLET WATER TEMPERATURE: 95°F  
WATER PRESSURE (MAXIMUM): 100 psi  
PRESSURE DROP (AT NOMINAL FLOW): 10 psi



THIS MOTOR IS  
CUSTOMER  
POTENTIAL  
INSULATED  
GE-B



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AMP	41.1	LRA(%)	580 CODE F
VOLTS	4000	SECONDARY AMP.	
PHASE	3 HERTZ	60	SECONDARY VOLTS
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EFFICIENCY	85 (%)	LUBRICATION	150 SSU AT 100°F
SERVICE FACTOR	1.00	LUBRICANT	OIL
INSULATION CLASS	F	OPP.DRIVE END BRG	(UP) KINGSBURY
TEMPRISE 90 °C	STATOR BY RTD @ 1.00 5F	LUBRICATION	OIL
TEMPRISE °C	ROTOR BY RESISTANCE	LUBRICANT	300 SSU AT 100°F
TIME RATING	CONTINUOUS	OIL PRESSURE	TO
AMB TEMP(°C)	40 MAX - 18 MIN	OIL FLOW	TO /BRG
ALTITUDE	3300 (ft)	MANUFACTURING DATE	03/2017

\* T4, T5, T6 TOGETHER

STATOR / ROTOR (SLOTS): 96 / 117

THIS MACHINE IN ACCORDANCE WITH THE  
CODE AND SOUND LOCAL PRACTICES,  
DO NOT TOUCH OR ELECTRICALLY ENERGIZED PARTS  
BEFORE STARTING MAINTENANCE PROCEDURES

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