

# CERTIFICATION DATA SHEET

Model#: 56H17E5302 B  
 CONN. DIAGRAM: A-EE7308T  
 OUTLINE: B-105279-631

WINDING#: ZT493 R4 3  
 ASSEMBLY: F3

## TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	56C	EPNV	K	INV

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	1.2/6	INVERTER ONLY	CONTINUOUS	F3	1.0	40	3300

FULL LOAD EFF: 74.5	3/4 LOAD EFF: 72.5	1/2 LOAD EFF: 67.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 71	3/4 LOAD PF: 64	1/2 LOAD PF: 52	71.5	SQ CAGE INV DUTY	.8 / .4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1 LB-FT	7.2 / 3.6	3.1 LB-FT 310	3.7 LB-FT 370	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.038 LB-FT^2	0 LB-FT^2	0 SEC.	0	21 LBS.

## EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

R1	R2	X1	X2	XM
34.572	24.08	36.55	24.252	675.96

RM	ZREF	XR	TD	TD0
25628	860	1.54	0.0058	0.078

## \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	EXP PROOF CL I GR C&D CL II GR F&G T3B	FALSE	NONE	BLACK (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6203	6203	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: CONSTANT 1000:1 INV. HP SPEED RANGE: 2.0 X BASE SPEED
ENCODER: NONE NONE NONE NONE NONE PPR
BRAKE: NONE NONE NONE P/N NONE

NONE	NONE		
NONE FT-LB	NONE V	NONE Hz	

DATE: 08/13/2016 12:18:15 AM  
FORM 3531 REV.3 02/07/99  
\*\* Subject to change without notice.