

CERTIFICATION DATA SHEET

Model#: 56H17F2021 A
 CONN. DIAGRAM: A-EE7308
 OUTLINE: A-SS75928-750

WINDING#: TE48421 R1 3
 ASSEMBLY: F3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	.75	1800	1725	56C	TEFC	K	INV

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	3.2/1.6	INVERTER ONLY	CONTINUOUS	H1	1.0	40	3300

FULL LOAD EFF: 78.5	3/4 LOAD EFF: 76.5	1/2 LOAD EFF: 72.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 77.5	3/4 LOAD PF: 71	1/2 LOAD PF: 60	75.5	SQ CAGE INV DUTY	1.8 / .9

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3 LB-FT	23 / 11.5	12.5 LB-FT 417	12 LB-FT 400	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
60 dBA	70 dBA	0.09 LB-FT^2	0 LB-FT^2	0 SEC.	0	- LBS.

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

R1	R2	X1	X2	XM
10.8204	10.934	12.354	7.4692	292.52

RM	ZREF	XR	TD	TD0
9514	284	1.43	0.0036	0.073

*** 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	NONE	FALSE	NONE	BLACK (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6203	6203	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: CONSTANT 20:1
 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
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** Subject to change without notice.