

CERTIFICATION DATA SHEET

Model#: 215THTS8071 AN
 CONN. DIAGRAM: A-EE7308T
 OUTLINE: B-SS88470-1000

WINDING#: K2154321 NONE 1
 ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10	7.5	1800	1775	215TC	TENV	L	INV

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	26/13	INVERTER ONLY	CONTINUOUS	F3	1.0	40	3300

FULL LOAD EFF: 91	3/4 LOAD EFF: 91	1/2 LOAD EFF: 89.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 78	3/4 LOAD PF: 72	1/2 LOAD PF: 60.5	89.5	SQ CAGE INV DUTY	13 / 6.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
29.6 LB-FT	230 / 115	93.5 LB-FT 316	119 LB-FT 402	95

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	1.4 LB-FT^2	- LB-FT^2	- SEC.	-	240 LBS.

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

R1	R2	X1	X2	XM
0.39476	0.36068	1.4768	2.42536	36.92

RM	ZREF	XR	TD	TD0
1485.32	28.4	4.4	0.015	0.29

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAIN
C-FACE	BRAKE AND ENCODER	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6309	6307	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON

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

* N O T E S *	INVERTER TORQUE: CONSTANT 2000:1	
	INV. HP SPEED RANGE: 2.0 X BASE SPEED	
	ENCODER: PROVISIONS ONLY	
	NONE	NONE
	NONE	NONE PPR
	BRAKE: REGAL SUPPLIED AND MOUNT	
	NONE	
	STEARNS	P/N 66378-53
	87,000	NEMA 2

50 FT-LB	208-230/460-190/380 V
60/50 Hz	

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** Subject to change without notice.