

CERTIFICATION DATA SHEET

Model#: 254THEN8058 BC
CONN. DIAGRAM: A-EE7308T
OUTLINE: B-SS203518-1050

WINDING#: K2544154 NONE 1
ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
7 1/2	5.60	1800	1782	254TC	EPNV	M	INV

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	22/11	INVERTER ONLY	CONTINUOUS	F3	1.0	40	3300

FULL LOAD EFF: 91.7	3/4 LOAD EFF: 90.2	1/2 LOAD EFF: 88.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 69	3/4 LOAD PF: 60	1/2 LOAD PF: 47	90.2	SQ CAGE INV DUTY	14.4 / 7.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22 LB-FT	194 / 97	76.5 LB-FT 348	100 LB-FT 455	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	2 LB-FT^2	- LB-FT^2	- SEC.	-	290 LBS.

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

R1	R2	X1	X2	XM
0.4725	0.29484	1.65564	2.13948	35.4942

RM	ZREF	XR	TD	TD0
1731.24	37.8	4.9	0.02	0.34

***** SUPPLEMENTAL INFORMATION *****

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

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

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 2000:1 INV. HP SPEED RANGE: 2.0 X BASE SPEED
ENCODER: REGAL SUPPLIED - REGAL MOUNT BEI H38 NPS HOLE 1024 PPR
BRAKE: NONE NONE NONE P/N NONE NONE NONE

DATE: 08/13/2016 10:17:27 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.