

CERTIFICATION DATA SHEET

Model#: 145THTR15540 AA
 CONN. DIAGRAM: A-EE7308
 OUTLINE: A-107391-956

WINDING#: ZT4118 NONE 1
 ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1755	145TC	TENV	R	INV

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	4.8/2.4	INVERTER ONLY	CONTINUOUS	H1	1.0	40	3300

FULL LOAD EFF: 85.5	3/4 LOAD EFF: 82.5	1/2 LOAD EFF: 78.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 69	3/4 LOAD PF: 59	1/2 LOAD PF: 46	82.5	SQ CAGE INV DUTY	3.2 / 1.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	56 / 28	23 LB-FT 511	29 LB-FT 644	80

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.14 LB-FT^2	0 LB-FT^2	0 SEC.	0	45 LBS.

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

R1	R2	X1	X2	XM
4.257	3.53804	5.99764	5.88412	161.0092

RM	ZREF	XR	TD	TD0
6659.84	189.2	1.6	0.0515	0.125

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAIN
C-FACE	ENCODER	BOLT-ON	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLACK (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6205	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			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

* N O T E S *	INVERTER TORQUE: CONSTANT 1000:1
	INV. HP SPEED RANGE: 2.0 X BASE SPEED
	ENCODER: REGAL SUPPLIED - REGAL MOUNT DYNAPAR HS20
	MS CONNECTOR 1024 PPR
	BRAKE: NONE NONE
	NONE P/N NONE
	NONE NONE

- FT-LB	NONE V	NONE Hz
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** Subject to change without notice.