

CERTIFICATION DATA SHEET

Model#: 184THTL17038 AA
CONN. DIAGRAM: A-EE7308
OUTLINE: A-SS69914-875

WINDING#: K1844232 NONE 1
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5	3.70	1800	1765	184TC	TENV	N	INV

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	14/7	INVERTER ONLY	CONTINUOUS	H4	1.0	40	3300

FULL LOAD EFF: 89.5	3/4 LOAD EFF: 88.5	1/2 LOAD EFF: 86.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 74.5	3/4 LOAD PF: 67	1/2 LOAD PF: 54	87.5	SQ CAGE INV DUTY	8.4 / 4.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
14.9 LB-FT	143 / 71.5	50.5 LB-FT 339	70 LB-FT 470	75

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.52 LB-FT^2	0 LB-FT^2	0 SEC.	0	125 LBS.

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

R1	R2	X1	X2	XM
1.24173	0.9072	2.5515	4.2525	64.071

RM	ZREF	XR	TD	TD0
4774.14	56.7	2.1	0.01	0.19

***** 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	NONE	FALSE	NONE	BLACK (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ALUMINUM
6207	6205						

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

DATE: 08/13/2016 09:17:24 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.