

6 5 4 3 2 1

TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE V	Hz	SYN. SPEED R.P.M
	HP.	kW.					
AEEHNH	200	149.1	4	CONT	230/460	60	1800

TOTALLY ENCLOSED FAN-COOLED VERTICAL HOLLOW SHAFT TYPE, SQUIRREL CAGE ROTOR.

NOTE:

1. DIMENSIONS IN INCH
2. FRAME NO. 447TP
3. F CLASS INSULATION, S.F.: 1.15
4. FOR DIRECT COUPLING.
5. BEARING SIZE:  
UPPER BEARING: 7326B (UNINSULATED)  
LOWER BEARING: 6318C3 (UNINSULATED)
6. LUBRICATION:  
UPPER BEARING USE OIL.  
OIL VISCOSITY: ISO VG68 [300SSU AT 100°F]  
OIL QUANTITY: 1.8 GAL.  
LOWER BEARING USE GREASE. (MOBIL POLYREX EM)
7. ROTATION: COUNTER-CLOCKWISE [VIEW FROM TOP].
8. WITH NON-REVERSE RATCHET MECHANISM.
9. WITH GIB KEY: 0.375X0.375X3.071, 1PCS
10. APPROXIMATE WEIGHT: 2420
11. REED FREQUENCY: 44 HZ
12. DOWNTHRUST: 10,100 LBS (L10-8800HRS)
13. SPACE HEATER RATED AT 120 VOLT, SINGLE PHASE, 109 WATTS, LEADS TERMINATE IN MAIN LEAD BOX.

4~0.25" -20UNC

0.375  
+0.002  
0

1.859  
+0.010  
0

phi 1.688  
+0.0015  
0

phi 4.724

3.071 3.858

COUPLING  
(ENLARGED VIEW)

30.55

56.06

45.94

19.1

1.20

0.25

phi 13.50  
+0.005  
0

phi 20.00

CENTER OF GRAVITY

1.20

24.00

17.90

phi 2.56

phi 14.75

4~phi 0.69 HOLES

PRIMARY T-BOX (NPT 3")

- (A) OIL FILLER [UPPER BEARING]
- (B) OIL GAUGE [UPPER BEARING]
- (C) OIL DRAIN [UPPER BEARING]
- (D) GREASE INLET [LOWER BEARING]
- (E) GREASE DISCHARGER [LOWER BEARING]
- (F) 2~M16 VERTICAL JACKING HOLES 180° APART IN MOTOR BASE.
- (G) M10 TAPPED HOLE IN MOTOR BASE WITH GROUNDING TERMINAL [R38-10] & BOLT LOCATED AS SHOWN.

DATE	DEC 08 2016	OUTLINE DIMENSIONS	
	VHTP2004	3-PHASE INDUCTION MOTOR	
DWG NO.	4B040L244	REV:00	

DWN.	C.FU	APR. 28. 2015
CHKD.	R.LEE	APR. 28. 2015
APPD.	C.LIU	APR. 28. 2015

TECO Westinghouse

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