

11

10

9

8

7

6

5

4

3

2

1

POLE	HP	kW	Hz	VOLT	r/min(RPM)	INS	RATING	DIMENSION IN	APPROX WEIGHT	BEARINGS
8	125	93.25	60	230/460	900	F	CONT.	INCH		DE: 6320 NDE: 6316

G

F

E

D

C

B

A

第三角法

2

49.52

23.52

17.15

8.50

PRIMARY T-BOX
(2~NPT3")

USABLE SHAFT
LENGTH

8.00

6.93

8~ ϕ 0.81 HOLES

17.02

13.52

6.70

5.51

16.50

20.00

23.25

6.70

7.50

NOTE:

- FOR DIRECT FLEXIBLE COUPLING
- ENCLOSURE: IP55 PROTECTION
- WITH THERMISTOR: PTC 140°C 3PCS

0.875

2.880

ϕ 3.375

SHAFT END
ENLARGED VIEW

24.00

24.00

23.55

4.35

11.00

1.83

GROUNDING
TERMINAL

17.90

9.00

9.00

4.35

4.35

22.05

1.40

G

F

E

D

C

B

A

第三角法

2

OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE	AEHHGD-10-	FRAME NO.	447T
CUSTOMER	.	DATE	
ORDER NO.		TRANS. SHEET	TA17145A-01-04

APPD.	徐曉	11.10.17
CHKD.	林志孝	11.10.17
DWG.	李建宏	11.10.17

東元電機股份有限公司
TECO Electric & Machinery Co., Ltd.
TAIWAN

DWG NO.
31057C556440

11

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TECO Westinghouse

ISSUED 4/22/2019	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHHGD	3-PHASE INDUCTION MOTOR	CATALOG# CDP1258

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
125	93	8	447TZ	230/460	60	40°C	F	C	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	F. L. %	3/4 LOAD %	1/2 LOAD %	
	MIN. %	NOM. %						
890	93.0	94.1	94.1	94.1	80.0	77.0	69.0	40.8 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	AT	AT	AT	
208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	
105	128	64	344	311	155	1641	1815	908	G

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
737	220	160	260	141	2919	5838	5.45	10.66

SAFE STALL TIME IN SECONDS

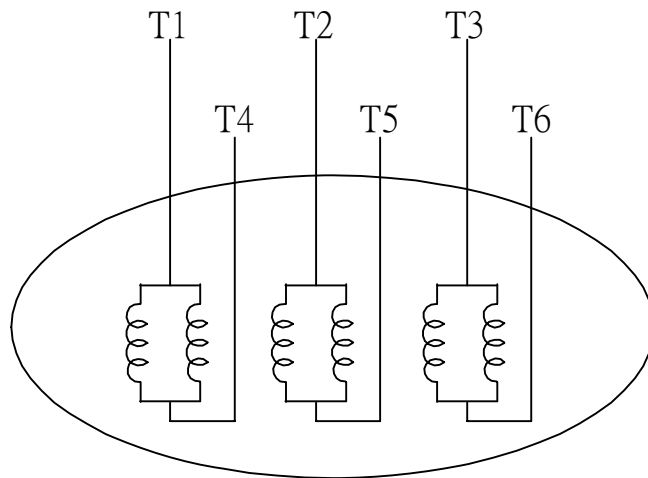
ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
18	13	2	1	

APPROVED:	M. PRATER	DRAWING NO.	3A057CDP1258	REVISION 1
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DATE	SCHEMATIC 6 LEADS	MODEL
08/25/2017		CDP2006RZ



SCHEMATIC DIAGRAM - 6 LEADS

VOLTAGE	CONNECTION	ROTATION (VIEWED FROM NON-DRIVE END)
LOW (RUN. Δ)		
HIGH (START. Δ)		

DWN.	S.HUANG	MAR • 03 • 2003		DWG NO.	REV: 00
CHKD.	T.HSIAO	MAR • 03 • 2003		3A061H634W	
APPD.	T.HSIAO	MAR • 03 • 2003			