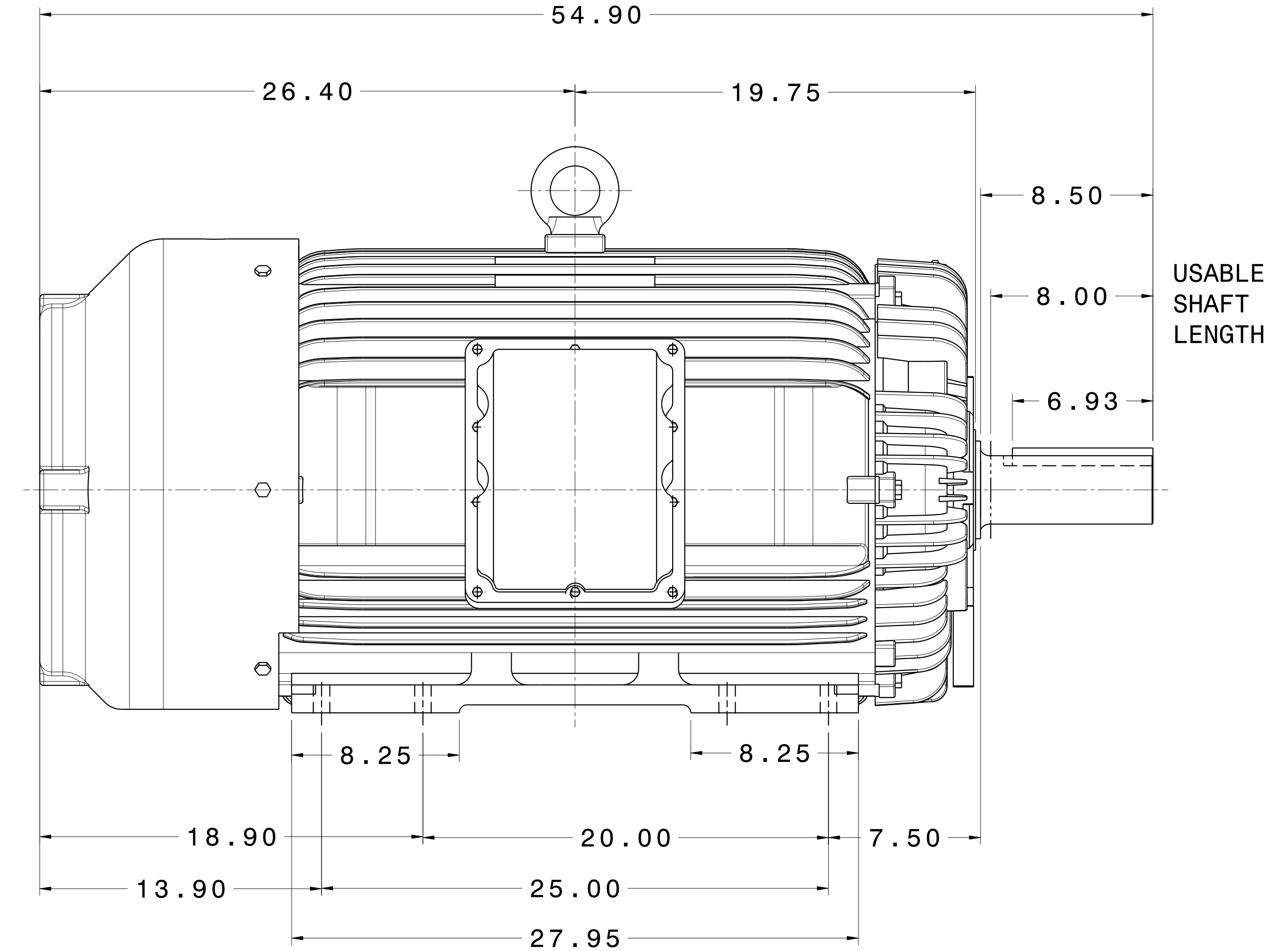
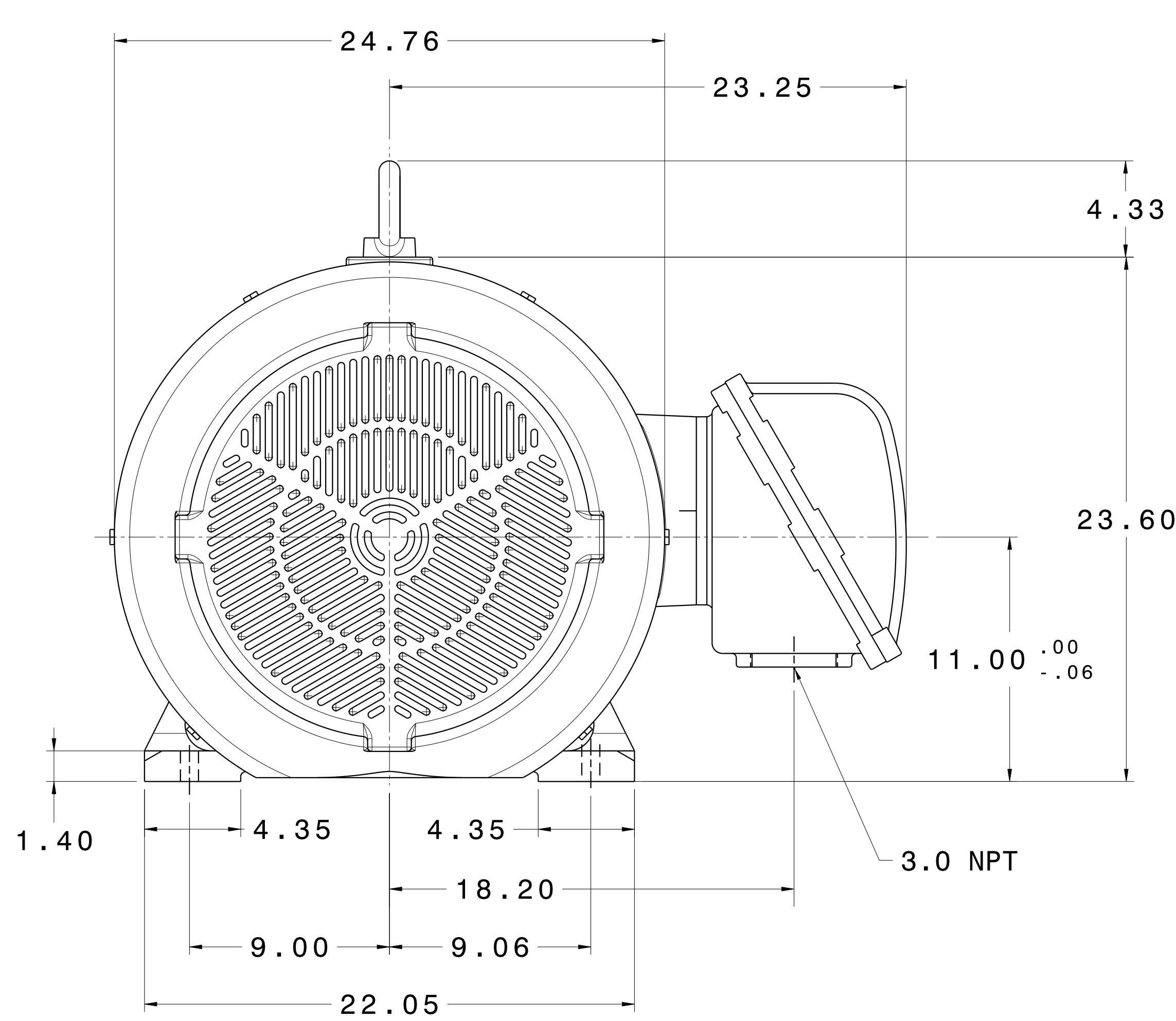
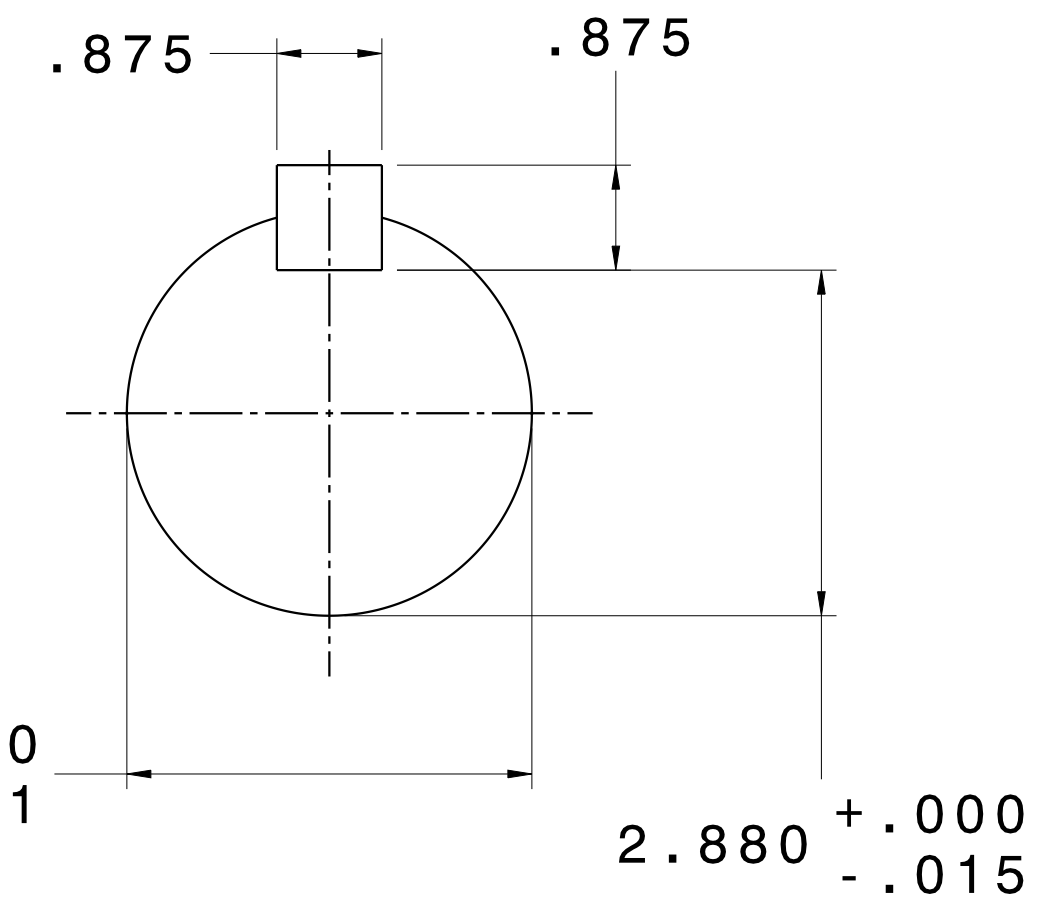


CATALOG #	TYPE	FRAME	OUTPUT		POLE	SYN. SPEED R.P.M.	VOLTAGE V.	Hz.	TIME RATING	INSULATION CLASS	SERVICE FACTOR	BEARINGS		WEIGHT LBS
			HP	KW								DE	NDE	
XP2504	AEHHXU	449T	250	186.5	4	1800	460	60	CONT.	F	1.15	6320C3	6316C3	2930

TOTALLY ENCLOSED FAN-COOLED TYPE. SQUIRREL CAGE MOTOR



USABLE SHAFT LENGTH



- NOTES:
1. DIMENSIONS IN INCH.
 2. ENCLOSURE: IP54.
 3. FOR DIRECT FLEXIBLE COUPLING.
 4. SUITABLE FOR DIVISION I, CLASS I, GROUP D AND CLASS II, GROUPS E,F,G.

REV. DATA	TECO Westinghouse			REV NO	01
	3-PHASE INDUCTION MOTOR OUTLINE DIMENSIONS			DWG NO.	XP2504
REF:	DWN T. FELPS	072314	APPD S. GROHOSKY	072314	
	TECO-WESTINGHOUSE MOTOR COMPANY			ROUND ROCK, TEXAS	USA

TECO Westinghouse

ISSUED 10/15/19	PERFORMANCE DATA	ENCLOSURE TEXP
TYPE AEHHXU	3-PHASE INDUCTION MOTOR	CATALOG# XP2504

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
250	187	4	449T	460	60	40°C	F	B	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. %						
1787	95.4	96.2	95.6	83.5	87.0	86.5	83.5	61 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
77	280	1825	

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
734	110	90	210	83.0	1019	1529	5.50	8.05

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	88
2	1	2	1	

APPROVED:

M. PRATER

DRAWING NO.

31057XP2504

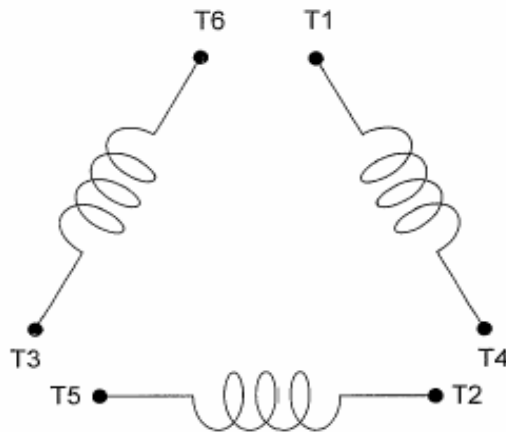
REVISION

0

DATE:
May 14, 2011

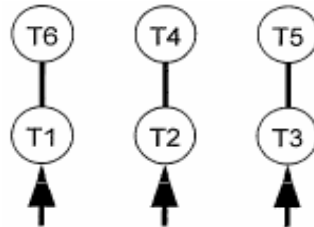
CONNECTION DIAGRAM

CATALOG NO.:
XP2504



SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION



460 VOLT CONNECTION

***CONTACT TWMC IF YOU HAVE ANY QUESTIONS
REGARDING THE MOTOR CONNECTION.**

PH: 1-800-873-8326