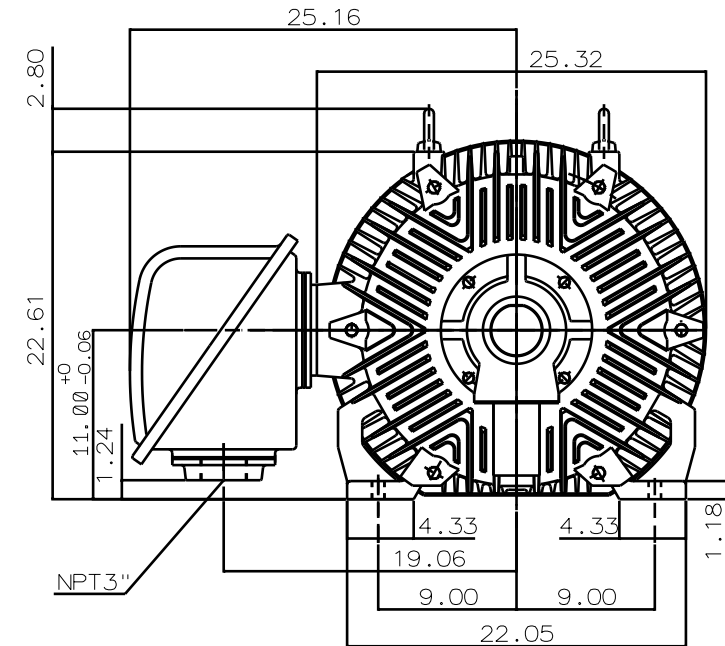
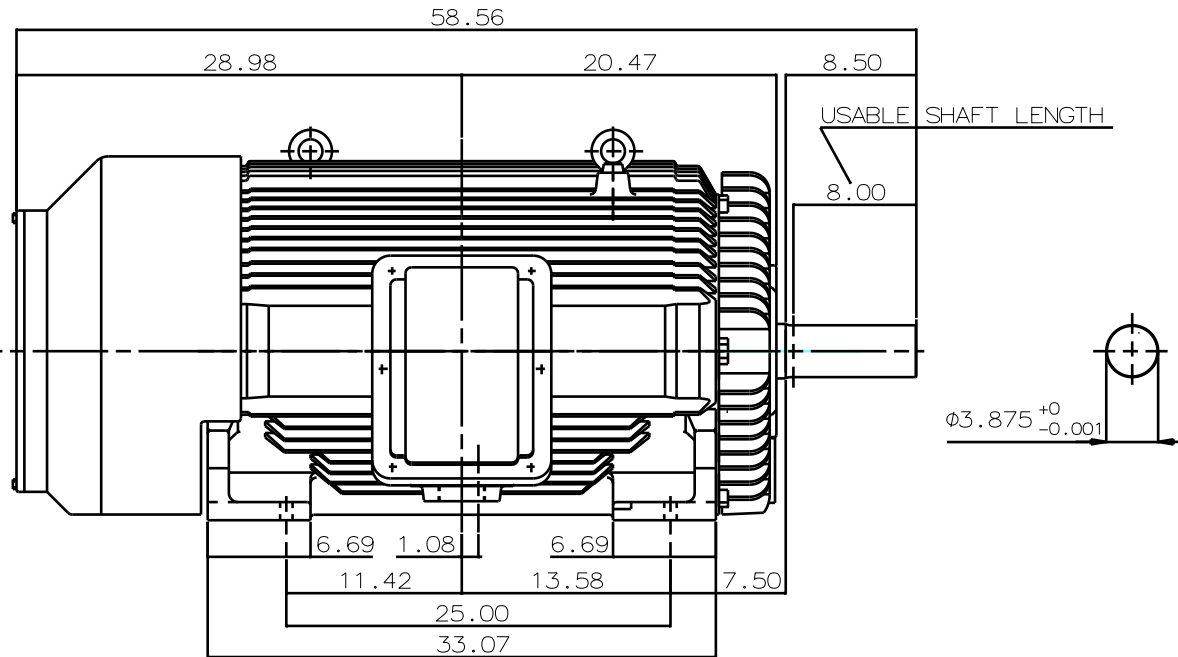


TYPE	OUTPUT		POLE	TIME RATING	VOLTAGE V	Hz	SYN. SPEED R.P.M
	HP	KW					
AEHHSY	350	261	4	CONT.	460	60	1800

TOTALLY ENCLOSED FAN-COOLED TYPE. SQUIRREL-CAGE ROTOR



NOTE:

1. DIMENSIONS IN INCH.
2. FRAME NO. 449TY
3. F CLASS INSULATION, S.F.1.15
4. FOR DIRECT FLEXIBLE COUPLING.
5. BEARING SIZE: DRIVE END: 6224  
NON-DRIVE END: 6316
6. MOTOR APPROX. WEIGHT: 3350 LBS

DATE  
MAY 14, 2015  
CATALOG NO.  
EPY3504

OUTLINE DIMENSIONS  
3-PHASE INDUCTION MOTOR

DWN.	W. CHENG	MAY•10•2004
CHKD.	H. HUANG	MAY•10•2004
APPD.	C. WANG	MAY•10•2004

**TECO** Westinghouse

DWG NO. 3A040W799  
REV: 00

TW-56C

# TECO Westinghouse

ISSUED <b>04/02/14</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHHSY</b>		CATALOG# <b>EPY3504</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>350</b>	<b>261</b>	<b>4</b>	<b>449TY</b>	<b>460</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.15</b>

### 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. %						
<b>1788</b>	<b>95.4</b>	<b>96.2</b>	<b>95.8</b>	<b>95</b>	<b>88</b>	<b>84.5</b>	<b>80</b>	<b>50 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
<b>104</b>	<b>387</b>	<b>2567</b>	

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> lb-ft <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> Sec	MAX ALLOWABLE WK <sup>2</sup> Sec
<b>1028</b>	<b>100</b>	<b>85</b>	<b>210</b>	<b>124</b>	<b>1373</b>	<b>2746</b>	<b>5.45</b>	<b>10.46</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	85
<b>26</b>	<b>18</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>3A057EPY3504</b>	REVISION <b>1</b>
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DATE:  
December 2, 2005

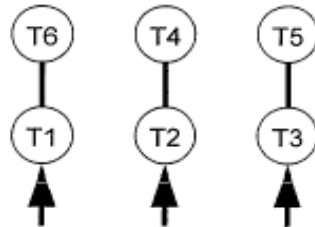
# CONNECTION DIAGRAM

CATALOG NO.:  
EPY3504



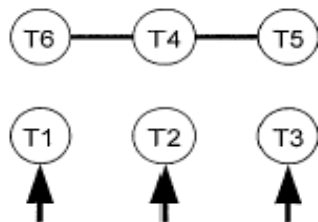
**SCHEMATIC - Δ / Y CONNECTION**

## ACROSS THE LINE CONNECTION



**460 VOLT CONNECTION**

## WYE START-DELTA RUN CONNECTION



**LINE  
460 VOLT START**



**LINE  
460 VOLT RUN**