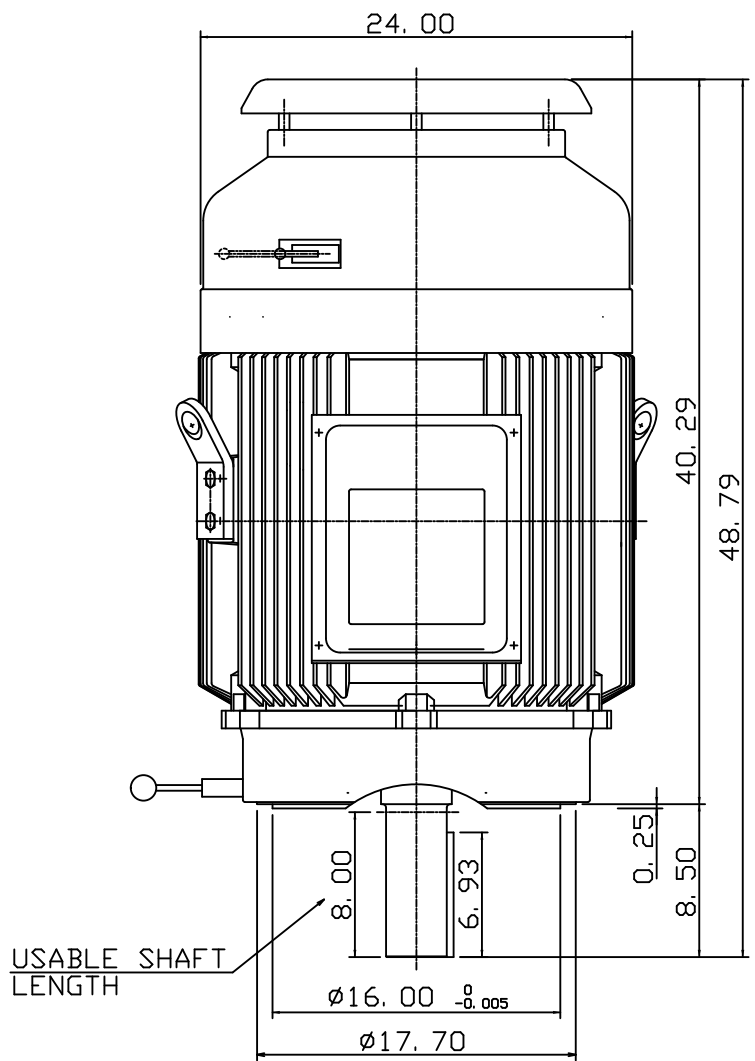


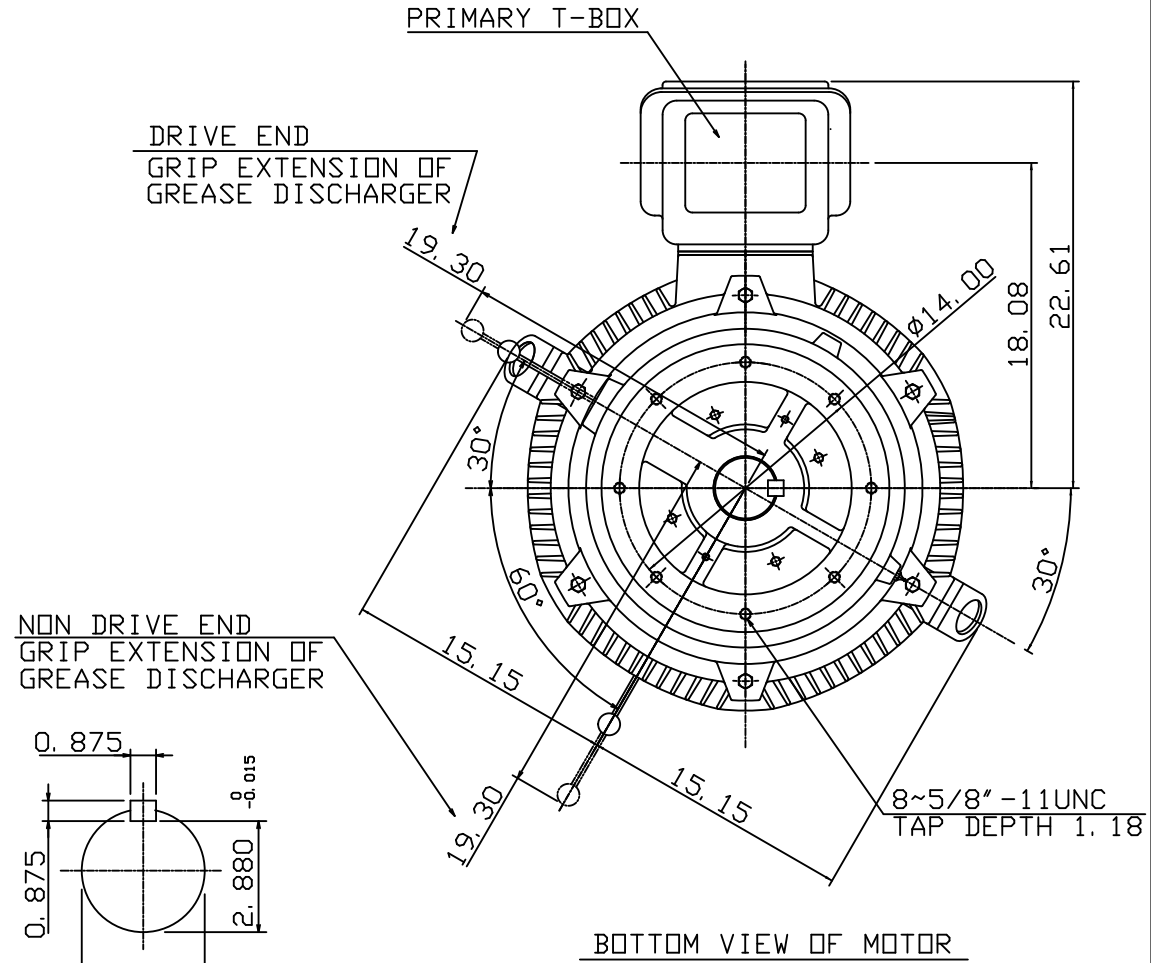
11 10 9 8 7 6 5 4 3 2 1

POLE	HP	KW	Hz	VOLT	RPM	INS.	RATING	DIMENSIONS	WEIGHT	BEARINGS	
4	150	112	60	460	1800	F	CONT.	INCH	1700 LBS.	DE:	6318 NDE: 6316

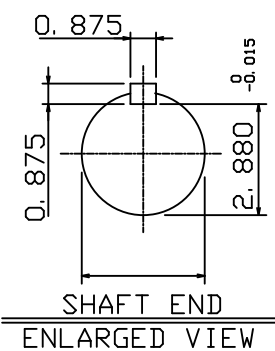


USABLE SHAFT LENGTH

NOTE:
 1. FOR DIRECT FLEXIBLE COUPLING
 2. ENCLOSURE: IP54 PROTECTION



NON DRIVE END
GRIP EXTENSION OF
GREASE DISCHARGER



SHAFT END
ENLARGED VIEW

BOTTOM VIEW OF MOTOR

OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR			
TYPE	AEUH8P-CF	FRAME	EHV-445TC
CATALOG NO.	NPV1504C	DATE	042919

DWN.	C. COOK	04-29-19

TEC Westinghouse

DWG NO.
NPV1504C

11 10 9 8 7 6 5 4 3 2 1

TECO Westinghouse

ISSUED 4/29/2019	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEUH8P-CF		CATALOG# NPV1504C

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
150	112	4	445TC	460	60	40°C	F	B	CONT.	1.15

VARIABLE FREQUENCY DRIVE SERVICE

VARIABLE TORQUE				OHMS/PHASE EQUIVALENT WYE CIRCUIT (AT RATED OPERATING TEMPERATURE 25°C)				
HZ	HP	RPM	TORQUE (lb-ft)	R1	R2	X1	X2	X _m
3~60	0.0188~150	90~1800	1.10~442	0.0492	0.038	0.367	0.691	11.3

CONSTANT TORQUE				CONSTANT HORSEPOWER			
HZ	HP	RPM	TORQUE (lb-ft)	HZ	HP	RPM	TORQUE (lb-ft)
6~60	15~150	180~1800	442	60~90	150	1800~2700	442~294.66

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			SOUND PRESSURE LEVEL @ 3 FT Db(A)
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	FULL LOAD %	3/4 LOAD %	1/2 LOAD %	
	MIN.%	NOM.%						
1783	95	95.8	95.4	94.5	85	83	78	81

CURRENTS			NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS	
NO LOAD		FULL LOAD		LOCKED ROTOR	
AT	460 VOLT	AT		AT	460 VOLT
46.6		172.00	G	25	17

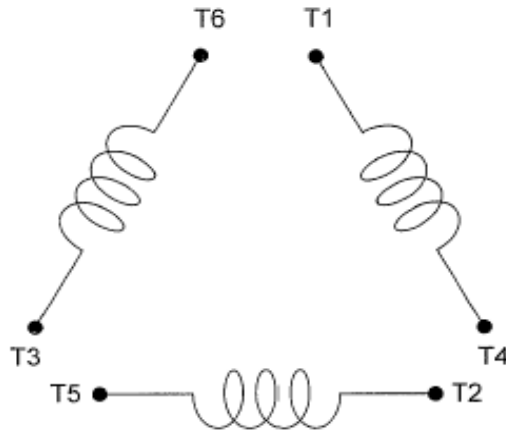
TORQUE				INERTIA			ACCEL TIME (DOL)		ALLOWABLE STARTS PER HOUR	
FULL LOAD (lb-ft)	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² (lb-ft ²)	NEMA LOAD WK ² (lb-ft ²)	MAX ALLOWABLE WK ² (lb-ft ²)	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec	COLD	HOT
442.00	130	100	220	52	640	1280	5.33	10.26	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057NPV1504C	REVISION:	1
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DATE:
December 2, 2005

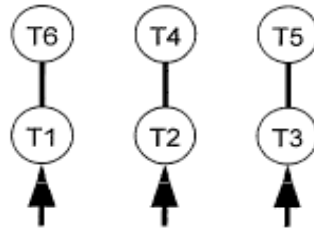
CONNECTION DIAGRAM

CATALOG NO.:
NPV1504C



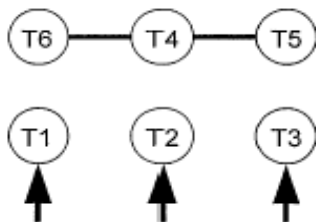
SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION



460 VOLT CONNECTION

WYE START-DELTA RUN CONNECTION



**LINE
460 VOLT START**



**LINE
460 VOLT RUN**