

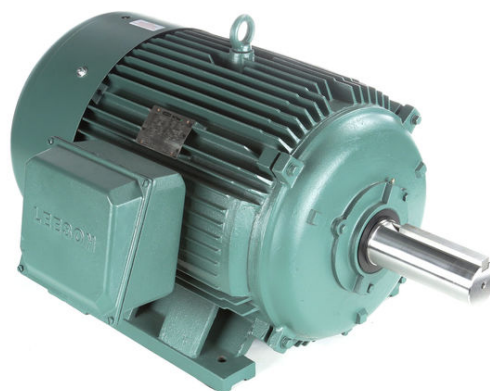
PRODUCT INFORMATION PACKET



Model No: 170256.00

Catalog No: 170256.00

General Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1200 & 1000 RPM, 444T Frame,
TEFC



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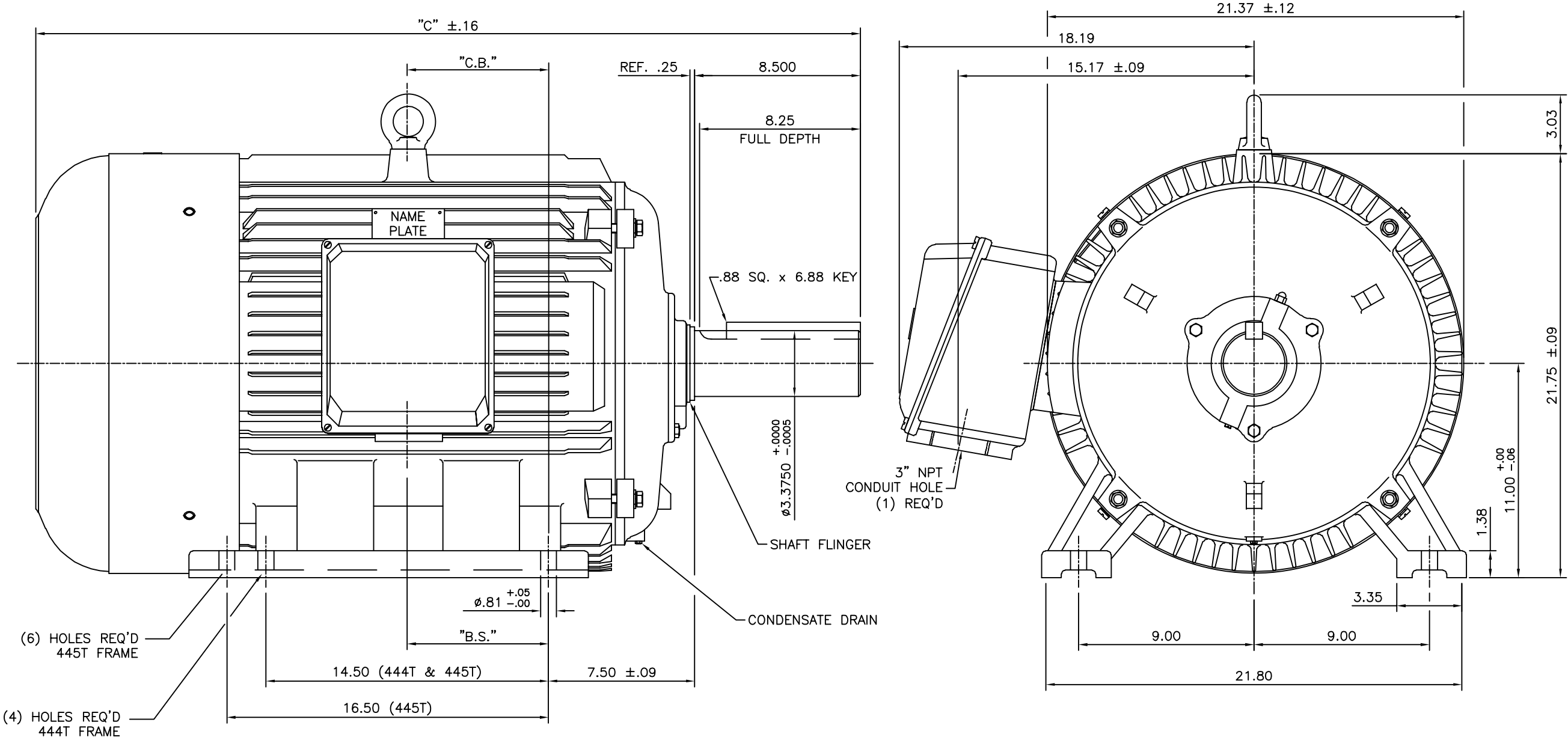
Nameplate Specifications

Phase	3	Output HP	100 & 75 Hp
Output KW	75.0 & 56.0 kW	Voltage	460 & 380 V
Speed	1192 & 995 rpm	Service Factor	1.15 & 1.15
Frame	444T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	121 & 112 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6317
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	6	Rotation	Reversible
Resistance Main	.0479 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	42.87 in
Shaft Diameter	3.375 in	Shaft Extension	8.5 in
Assembly/Box Mounting	F2/F1 CAPABLE		
Outline Drawing	169547.60	Connection Drawing	005190.01

169547-60

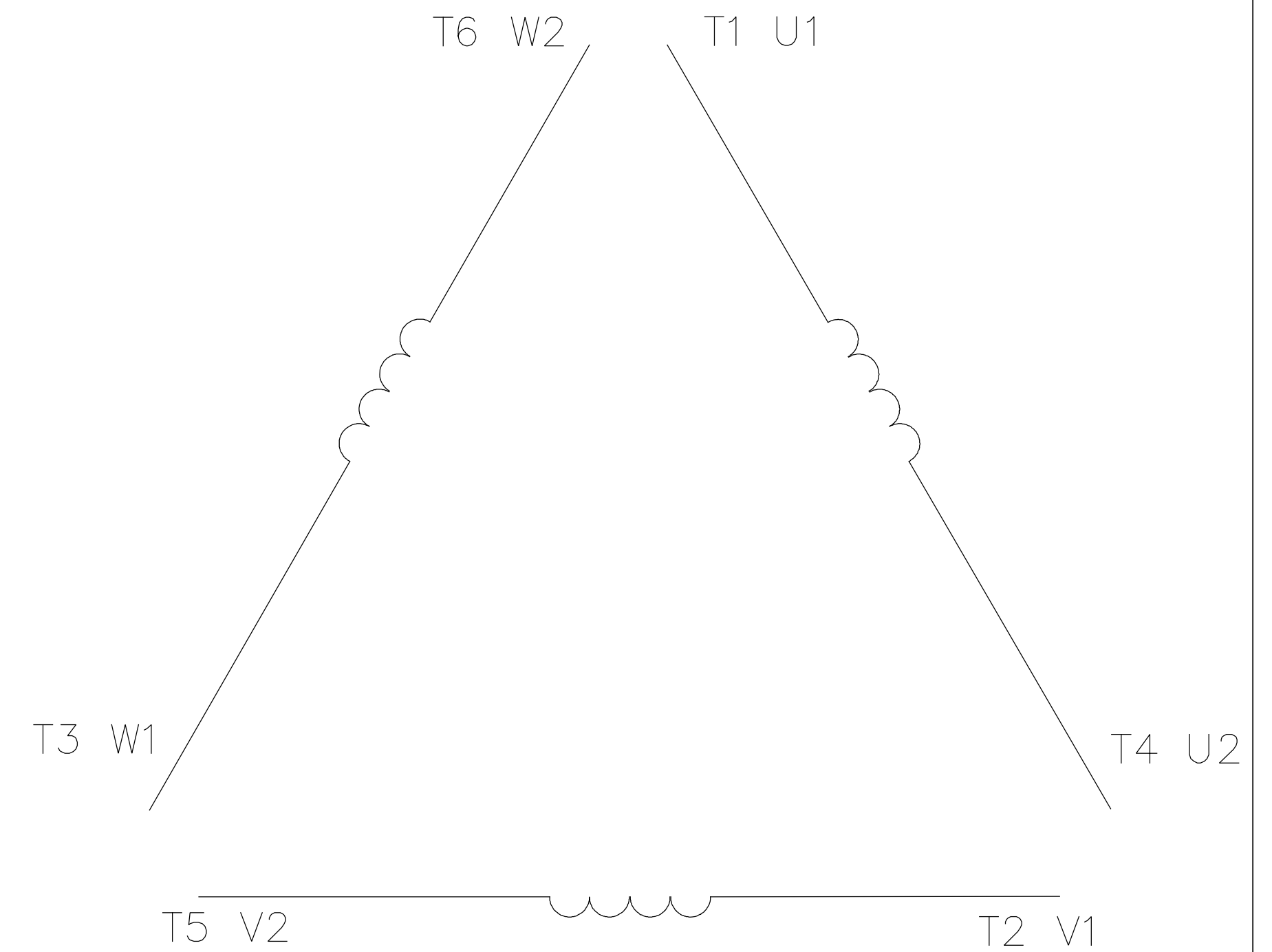


FRAME DESIGN	"C"	"C.B."	"B.S."
444T	42.87	7.25	---
445T	44.88	8.25	7.20

		TOLERANCES UNLESS SPECIFIED				DRAWN MOL 06-26-2012	
		DEC.	INCHES			CHK SB 06-26-2012	
		.X	±.1			APPD	
		.XX	±.03	TITLE		SCALE	1=1
		.XXX	±.005	OUTLINE-444T/445T FR.-TEFC-RIGID MEETS NEC/UL REQ.-BOX VOL=9750C.C.		REF	
1		ADDED "BS" DIM. PER ECO-0048910	RFH 04/07/14	EH	.XXXX ±.0005	MAT'L.	FMF HWADA
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH	PREV
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE	16954760	SIZE DRAWING NO.
				DIST			B 169547-60
							REV. 1



A diagram of a multi-ported device. It consists of a central vertical curved line representing the device body. Six horizontal lines extend from the left side of the device, each labeled with a 'C' at its left end. These lines are labeled on the right side as T1 U1, T2 V1, T3 W1, T4 U2, T5 V2, and T6 W2. The labels are arranged in pairs, with the 'T' label closer to the device and the 'U' or 'V' or 'W' label further to the right.



	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION					
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019	DECIMALS				EXT. WIRING DIAGRAM STAR START – DELTA RUN			
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	DRAWN PG 05/07/82	TITLE				
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D. TEM	MAT'L. Y-CONNECTED START (CWLE) DELTA CONNECTED RUN – SINGLE VOLTAGE				
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	APPR. 05/07/82					
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1	FINISH			SIZE A	DRAWING NO. 005190-01
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED				ANGLES	± 1/2°	REF. T2E					
				INCH/MM		FMF ELECTRO POWER					