

# PRODUCT INFORMATION PACKET



Model No: 170260.00

Catalog No: 170260.00

General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1200 & 1000 RPM, 445T Frame,  
TEFC



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### Nameplate Specifications

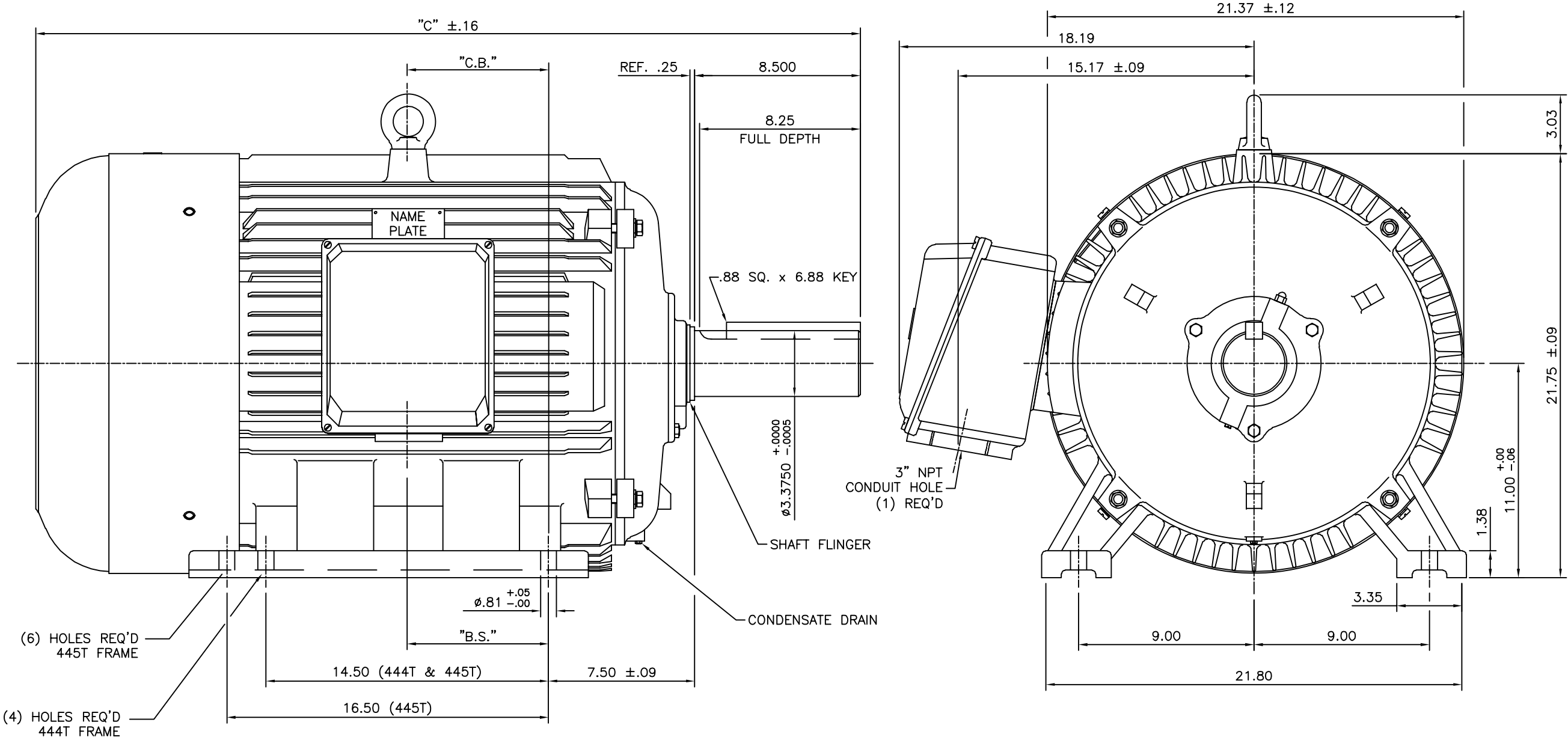
Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	460 & 380 V
Speed	1192 & 992 rpm	Service Factor	1.15 & 1.15
Frame	445T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	155 & 150 A	Power Factor	79
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	Across The Line
Poles	6	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Overall Length	44.88 in	Shaft Diameter	3.375 in
Shaft Extension	8.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005190.01	Outline Drawing	16954760

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169547-60



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

				TOLERANCES UNLESS SPECIFIED		<div> Regal-Beloit Corporation</div>				DRAWN MOL 06-26-2012		
				DEC.	INCHES					CHK SB 06-26-2012		
				.X	±.1					APPD		
				.XX	±.03	TITLE OUTLINE-444T/445T FR.-TEFC-RIGID MEETS NEC/UL REQ.-BOX VOL=9750C.C.				SCALE 1=1		
				.XXX	±.005					REF		
1	ADDED "BS" DIM. PER ECO-0048910		RFH 04/07/14	EH	.XXXX					±.0005	MAT'L	
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.		REV. 1
				DIST					B	169547-60		



C	T1	U1
C	T2	V1
C	T3	W1
C	T4	U2
C	T5	V2
C	T6	W2



	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							
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	DRAWN PG 05/07/82	TITLE EXT. WIRING DIAGRAM STAR START – DELTA RUN				
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D. TEM					
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	APPR. 05/07/82	MAT'L. Y-CONNECTED START (CWLE) DELTA CONNECTED RUN – SINGLE VOLTAGE				
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1					
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	FINISH		SIZE	DRAWING NO.	
				INCH/MM		FMF ELECTRO POWER			A	005190-01	