

# PRODUCT INFORMATION PACKET



Model No: 171669.00  
Catalog No: 171669.00  
125 HP General Purpose Motor, 3 phase, 1200 RPM, 575 V, 445T Frame, TEFC

General Purpose Motors

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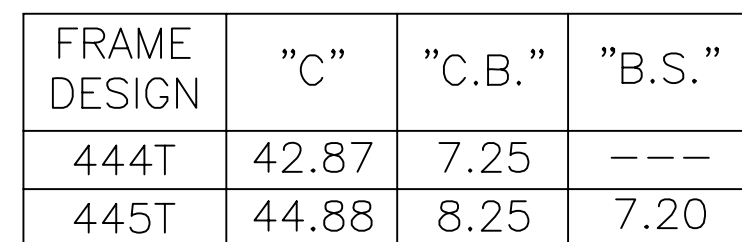
### Nameplate Specifications

Output HP	125 Hp	Output KW	93.0 kW
Frequency	60 Hz	Voltage	575 V
Current	124.0 A	Speed	1192 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Power Factor	79
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	445T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6317
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Hazardous Location	DIVISION 2	Number of Speeds	1

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
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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A diagram of a multi-ported device. On the left, there are six ports labeled 'C'. On the right, there are six pairs of ports labeled 'T1 U1', 'T2 V1', 'T3 W1', 'T4 U2', 'T5 V2', and 'T6 W2'. A curved line separates the 'C' ports from the 'T' and 'U/V/W' ports.



	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		<b>LEESON</b> 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	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 A	DRAWING NO. 005190-01
				INCH/MM		FMF ELECTRO POWER			