

PRODUCT INFORMATION PACKET



Model No: 170121.00

Catalog No: 170121.00

****OBSOLETE, REPLACED BY 326TTFCD6030** 50HP..1800RPM.326T.TEFC.575VAC.3PH.60HZ.....**

General Purpose Motors



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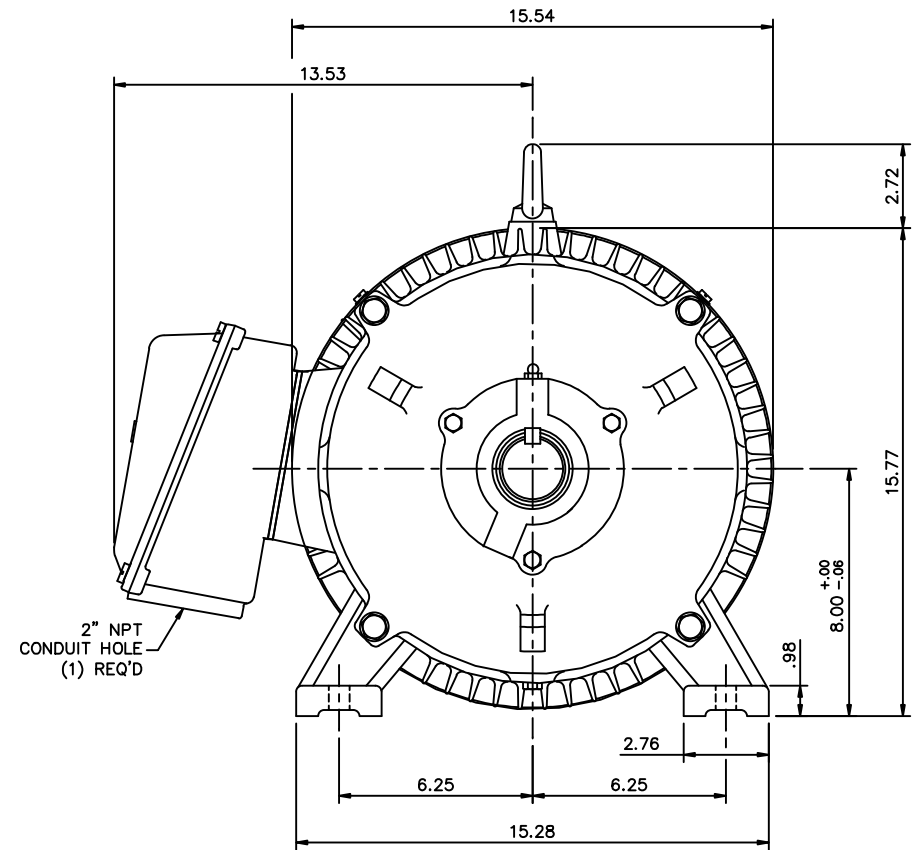
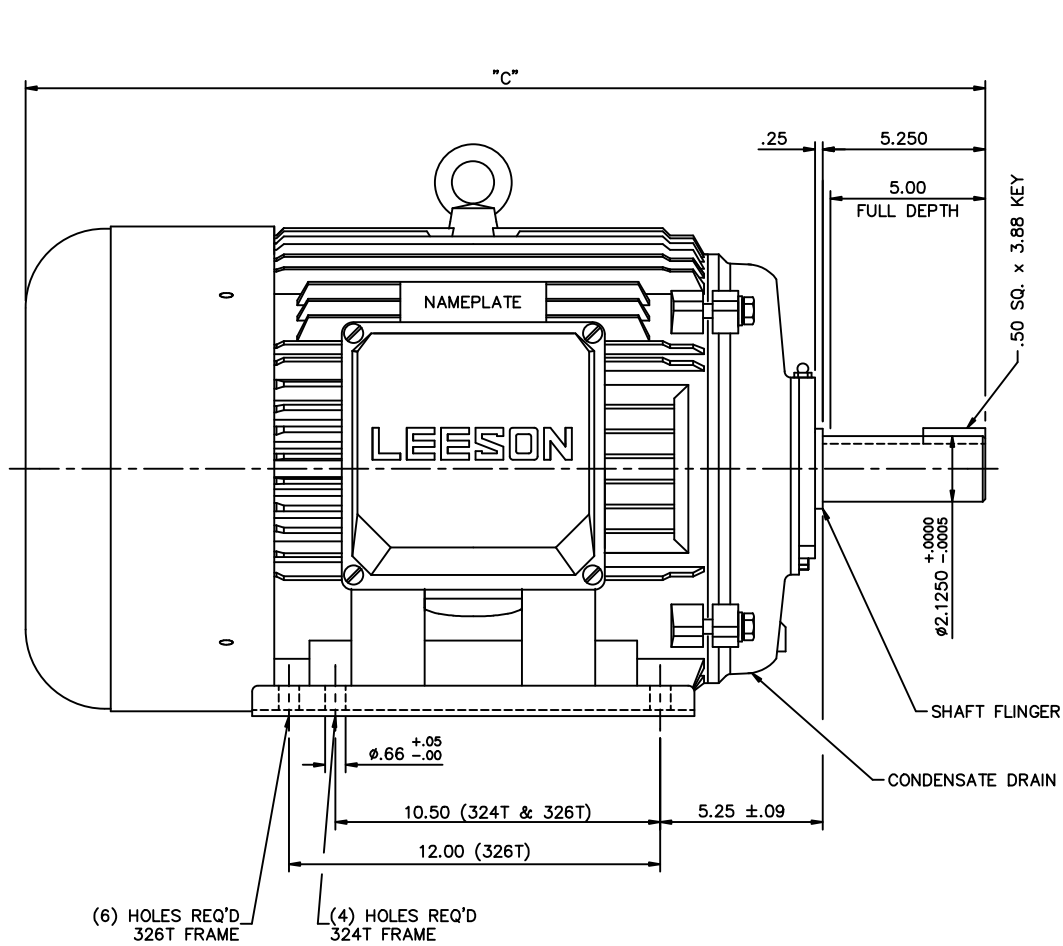


Nameplate Specifications

Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	575 V
Current	47.0 A	Speed	1780 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	326T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
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	4	Rotation	Reversible
Resistance Main	.135 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	31.02 in
Shaft Diameter	2.125 in	Shaft Extension	5.25 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	005190.01	Outline Drawing	16954160



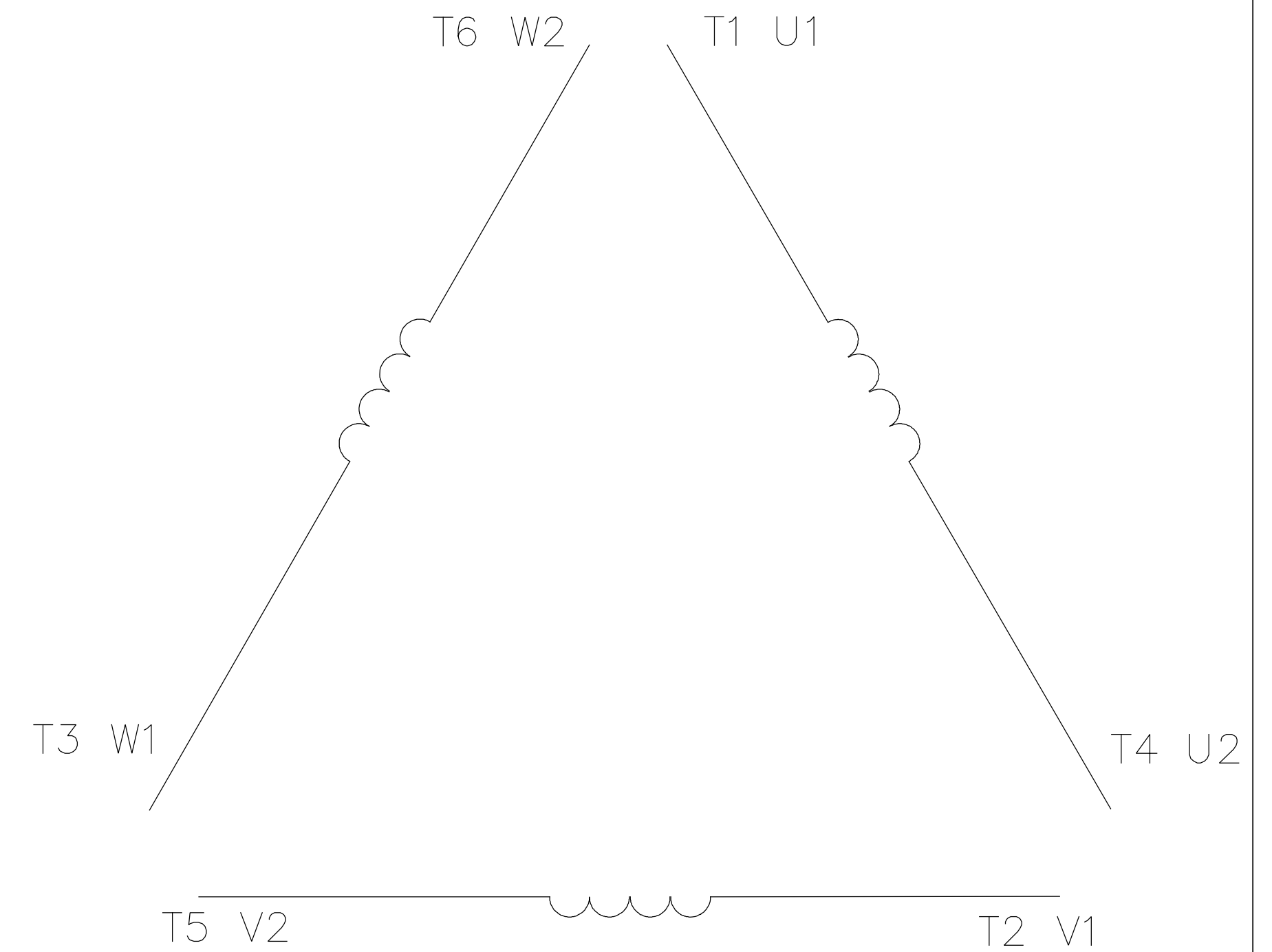
FRAME DESIGN	"C"
324T	29.53
326T	31.02

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION		
				DECIMALS				
				.00	$\pm .06$	DRAWN JJK 03/29/99	TITLE	
				.000	$\pm .005$	CHK'D.	OUTLINE - 320T FRAME	
01	ADDED HOLES FOR 326T BASE	JJK	07/13/99	.0000	$\pm .0005$	APPR. PG 03/31/99	TEFC - RIGID	
NO.	REVISION	BY	DATE	FRACTIONS	$\pm 1/64$	SCALE	MAT'L	
				ANGLES	$\pm 1/2^\circ$	REF. 169504	CAST IRON	
				INCH/MM		FINISH	SIZE	DRAWING NO.
							B	169541-60

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A diagram of a multi-ported device. It consists of a central vertical curved line representing the device body. To the left of this line are six horizontal lines, each starting with a 'C' label. To the right of the line are six horizontal lines, each starting with a 'T' label followed by a 'U' or 'V' label. The labels are: C, T1, U1, T2, V1, T3, W1, T4, U2, T5, V2, and 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		<div>LEESON ELECTRIC CORPORATION</div>			
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	DRAWING NO.
				INCH/MM		FMF ELECTRO POWER		A	005190-01