

PRODUCT INFORMATION PACKET



Model No: 170236.00
Catalog No: 170236.00
Obsolete replaced by 326TSTFCD6005 - 50 HP 3600 575 TEFC 326TS PREM EFF
General Purpose Motors



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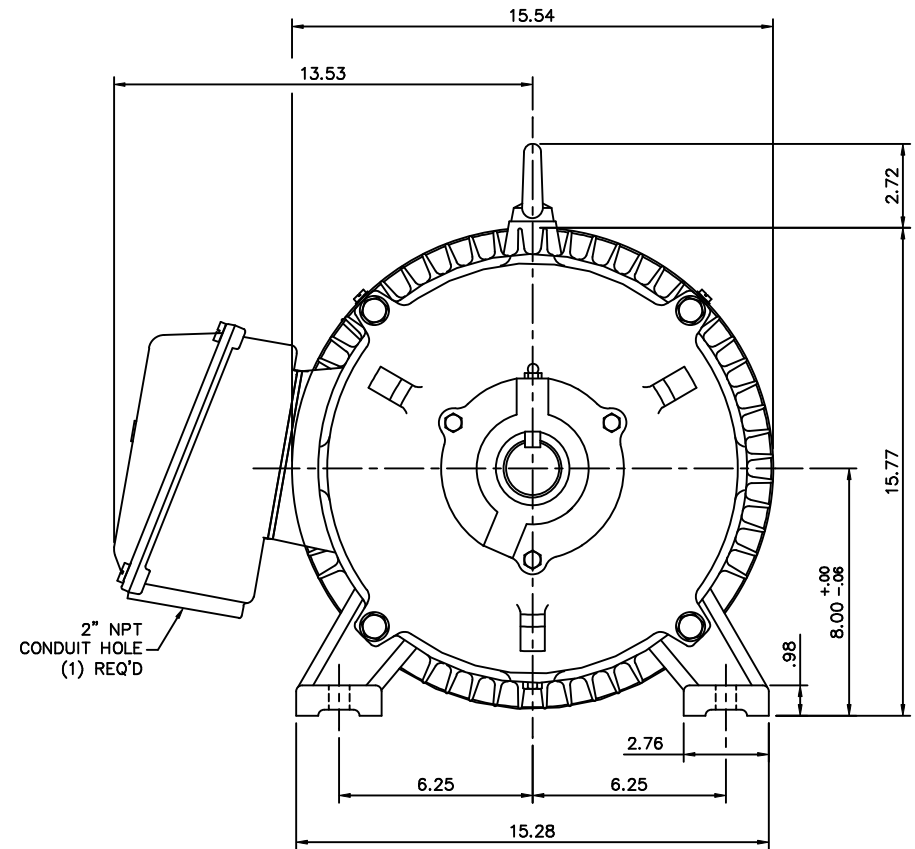
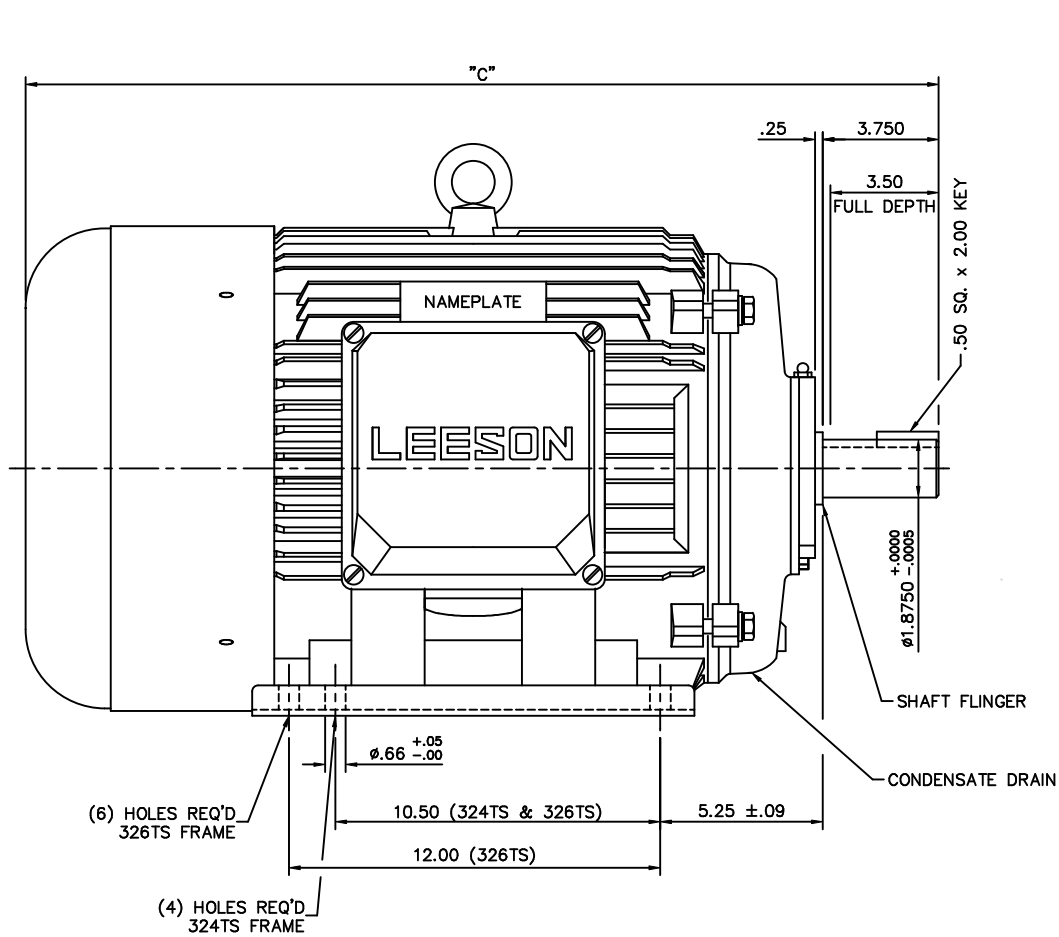
Nameplate Specifications

Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	575 V
Current	45.0 A	Speed	3560 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	326TS	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	2	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	TS
Overall Length	29.53 in	Shaft Diameter	1.875 in
Shaft Extension	3.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	16954260-326TS	Connection Drawing	005190.01

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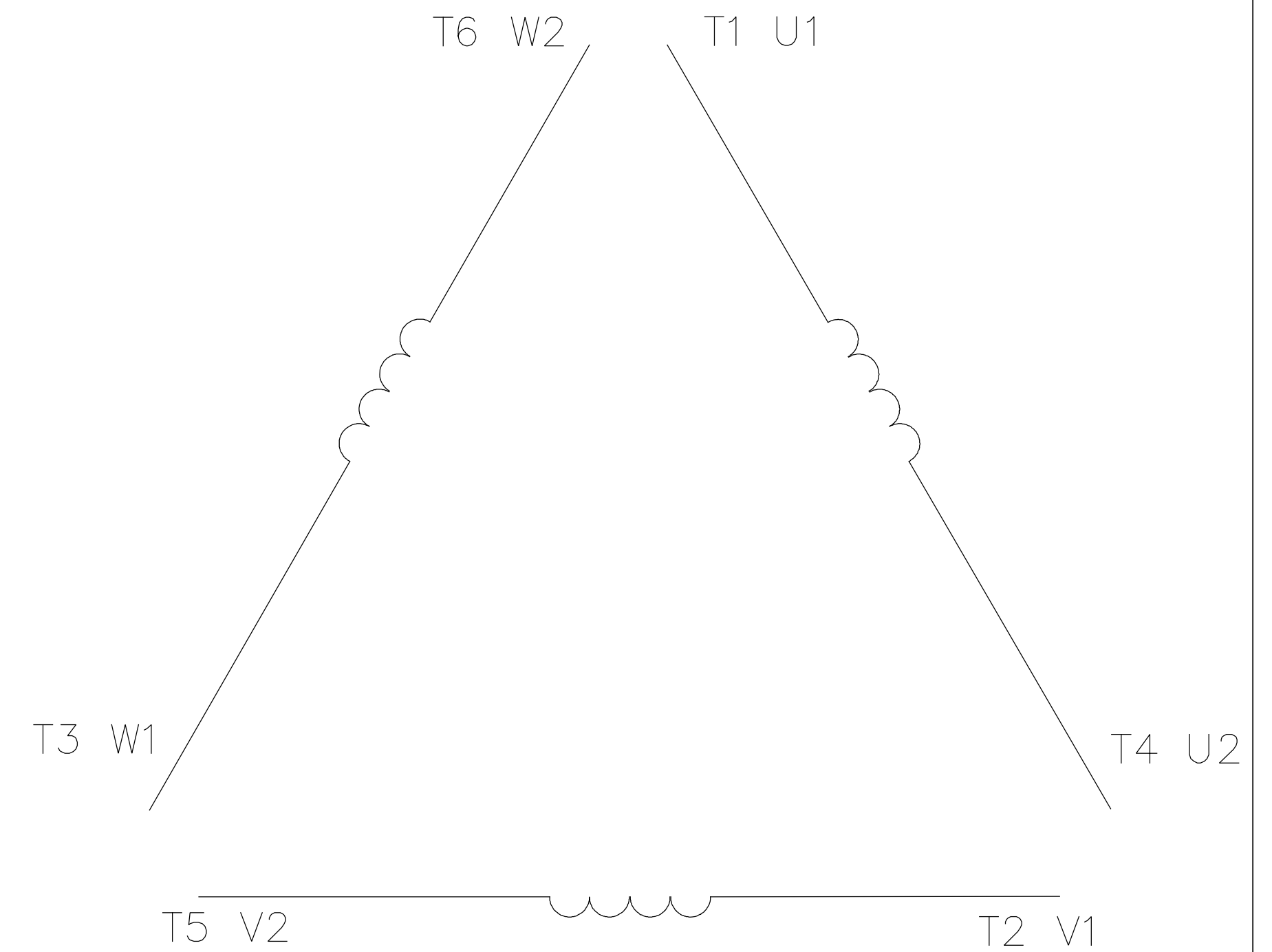
FRAME DESIGN	"C"
324TS	28.03
326TS	29.53

				TOLERANCES UNLESS OTHERWISE SPECIFIED				LEESON ELECTRIC CORPORATION			
				DECIMALS							
				.00	± .06	DRAWN JJK 03/29/99		TITLE OUTLINE - 320TS FRAME			
				.000	± .005	CHK'D.		TEFC - RIGID			
01 ADDED HOLES FOR 326TS BASE				.0000	± .0005	APPR. PG 03/31/99		MATERIAL CAST IRON			
NO. REVISION				BY	DATE	FRACTIONS ± 1/64		SCALE 1=4			
						ANGLES ± 1/2"		REF. 169504		FINISH	
						INCH/MM		FMF		SIZE B	
										DRAWING NO. 169542-60	

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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					
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 A	DRAWING NO. 005190-01
				INCH/MM		FMF ELECTRO POWER			