

PRODUCT INFORMATION PACKET



Model No: 170238.00

Catalog No: 170238.00

****OBSOLETE, REPLACED BY 364TTFC6080**** 40 HP 1200 575 TEFC 364T PREM EFF
General Purpose Motors



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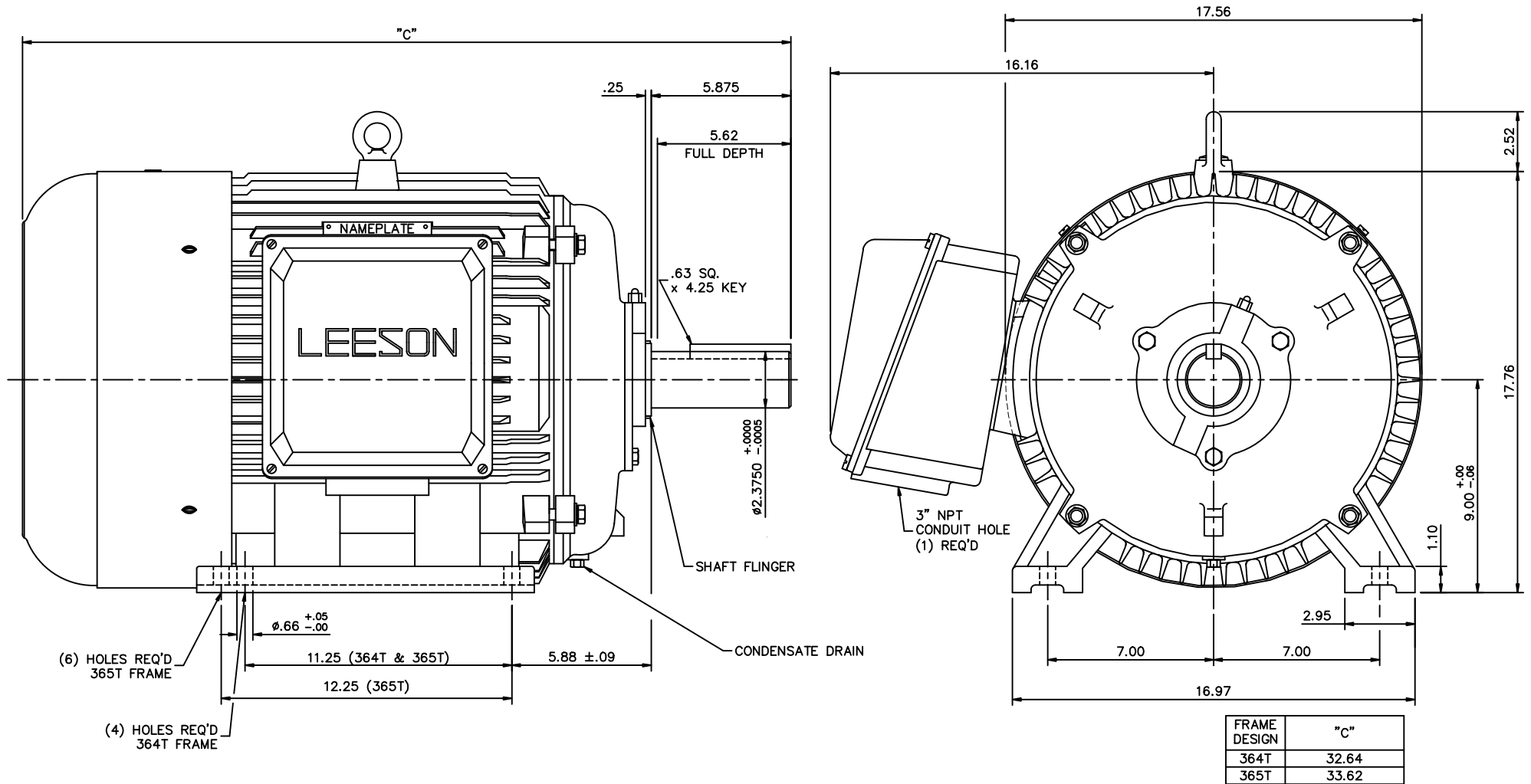


Nameplate Specifications

Output HP	40 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	575 V
Current	40.5 A	Speed	1192 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	78.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	364T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Hazardous Location	DIVISION 2	Number of Speeds	1

Technical Specifications

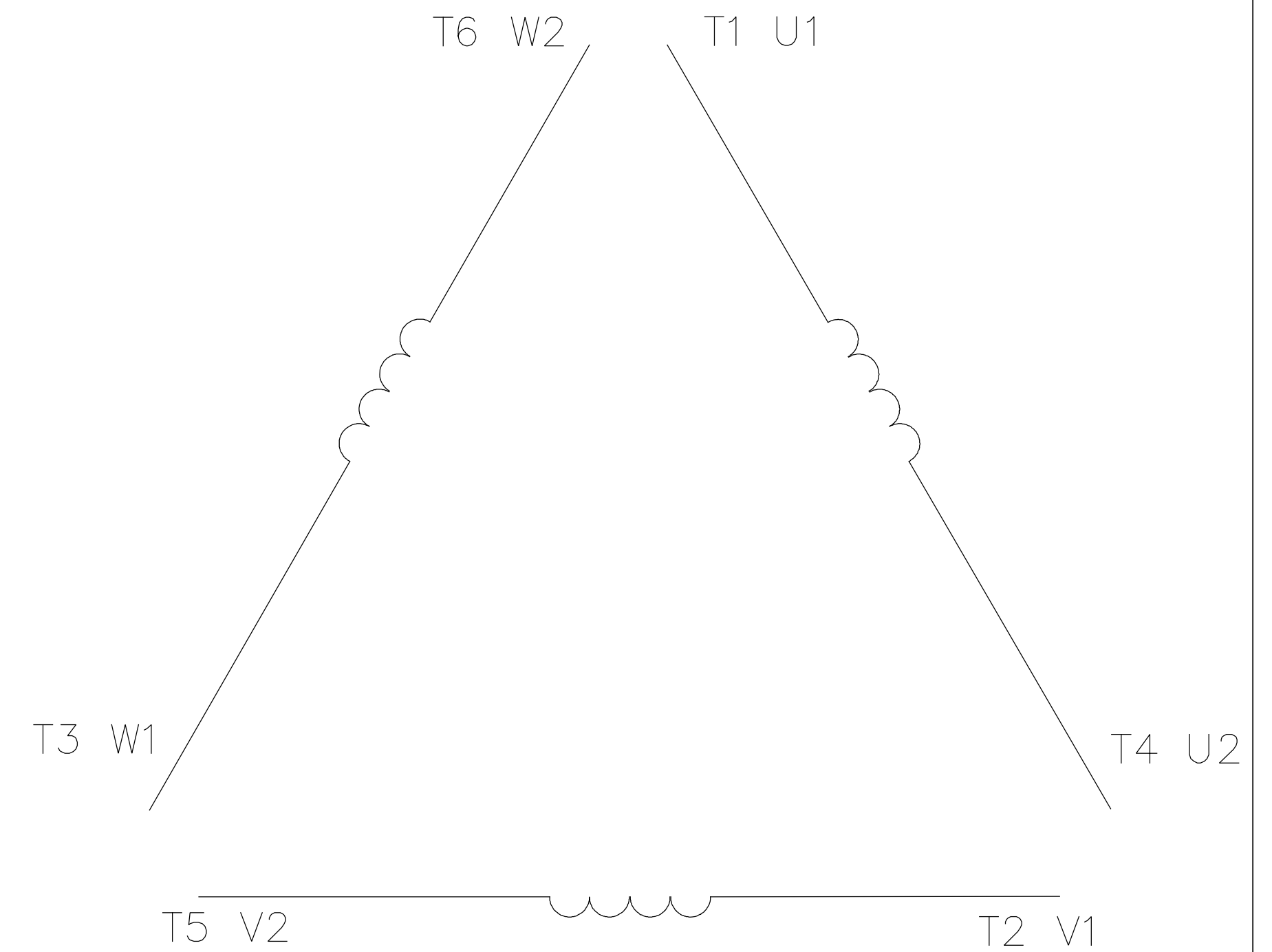
Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	6	Rotation	Reversible
Resistance Main	.152 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	32.64 in
Shaft Diameter	2.375 in	Shaft Extension	5.875 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	16954360	Connection Drawing	005190.01



				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION			
				DECIMALS					
				.00	± .06	DRAWN JJK 03/30/99	TITLE OUTLINE – 360T FRAME		
				.000	± .005	CHK'D.	TEFC – RIGID		
01	ADDED 365T FRAME BASE HOLES	JJK	07/16/99	.0000	± .0005	APPR. PG 03/31/99	MAT'L CAST IRON		
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=4			
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. 169505	FINISH	SIZE	DRAWING NO.
				INCH/MM		FMF		B	169543–60



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		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	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			