

PRODUCT INFORMATION PACKET



Model No: 170255.60

Catalog No: 170255.60

OBSOLETE - REPLACED BY 170269.60 - ..100HP..1195RPM.444.DP.208-230/460V.3PH.60HZ.CONT.40C.1.25SF.RI
GID.C444T11DB4A.....WATTSaver.NOT.....

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Nameplate Specifications

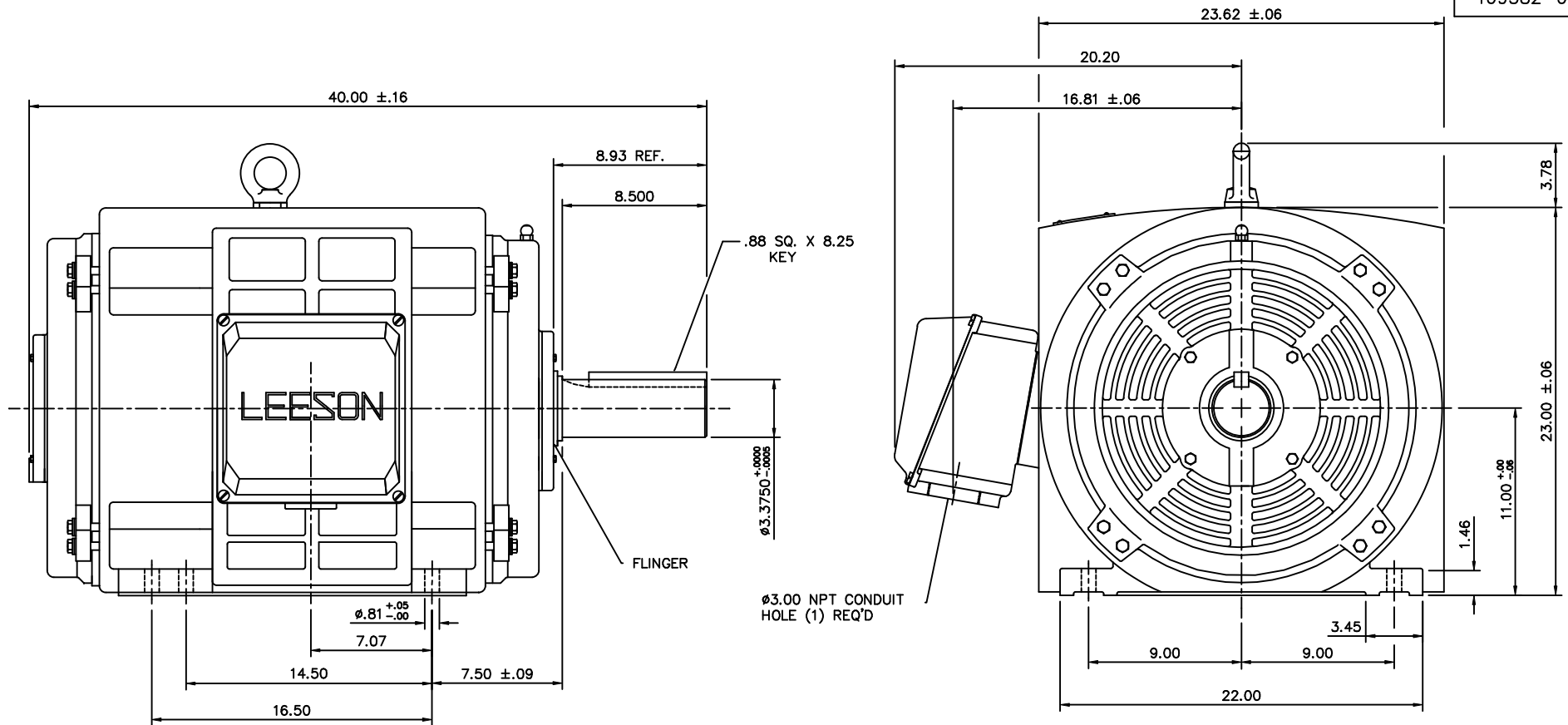
Phase	3	Output HP	100 & 75 Hp
Output KW	74.6 kW	Voltage	460 & 380 V
Speed	1195 & 995 rpm	Service Factor	1.25 & 1.25
Frame	444T	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	118 & 108 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6317
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.033 Ohms	Mounting	Rigid Base
Motor Orientation	Nan	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	NAN
Outline Drawing	16958260	Connection Drawing	005190.01

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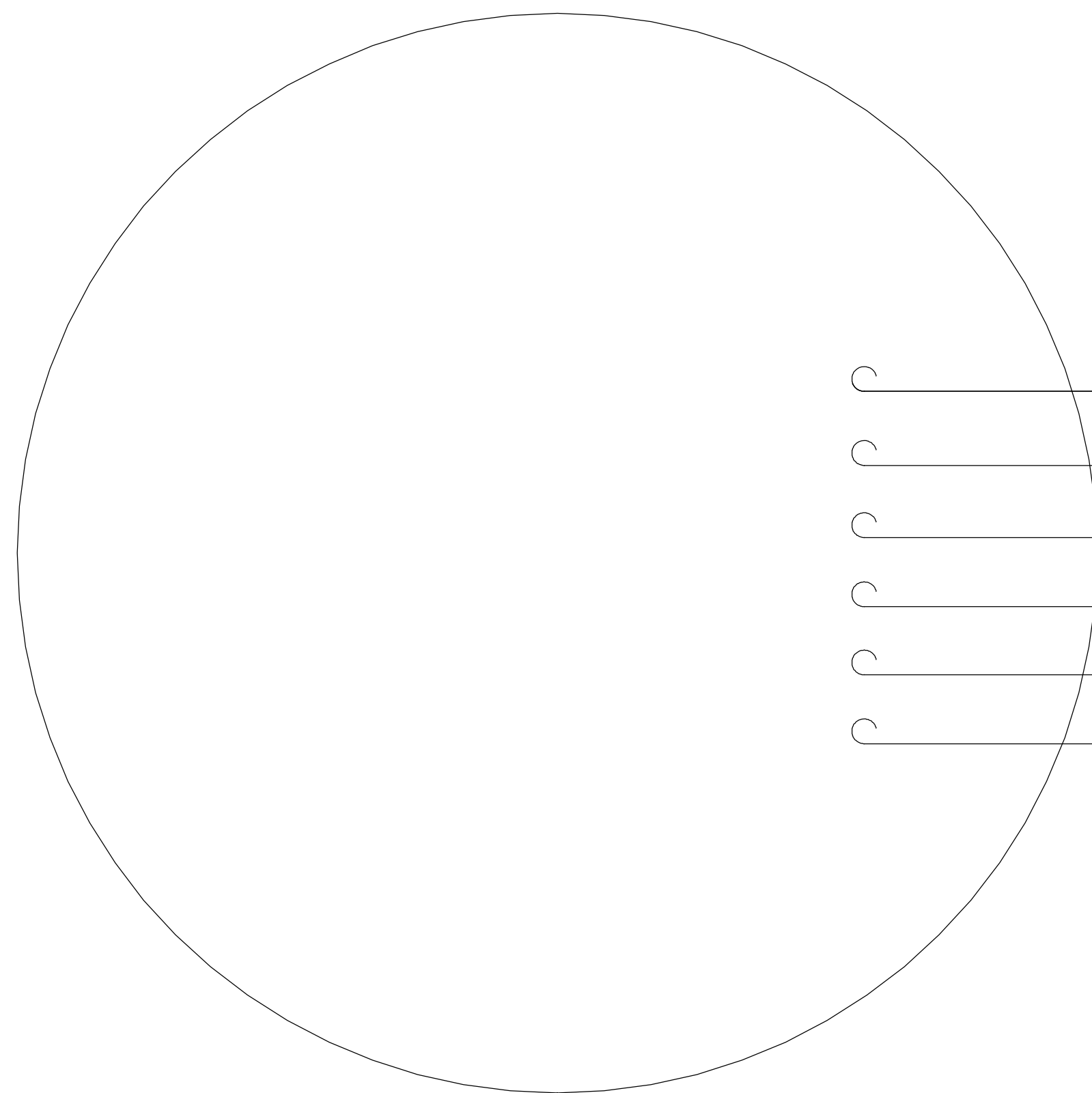
169582-60



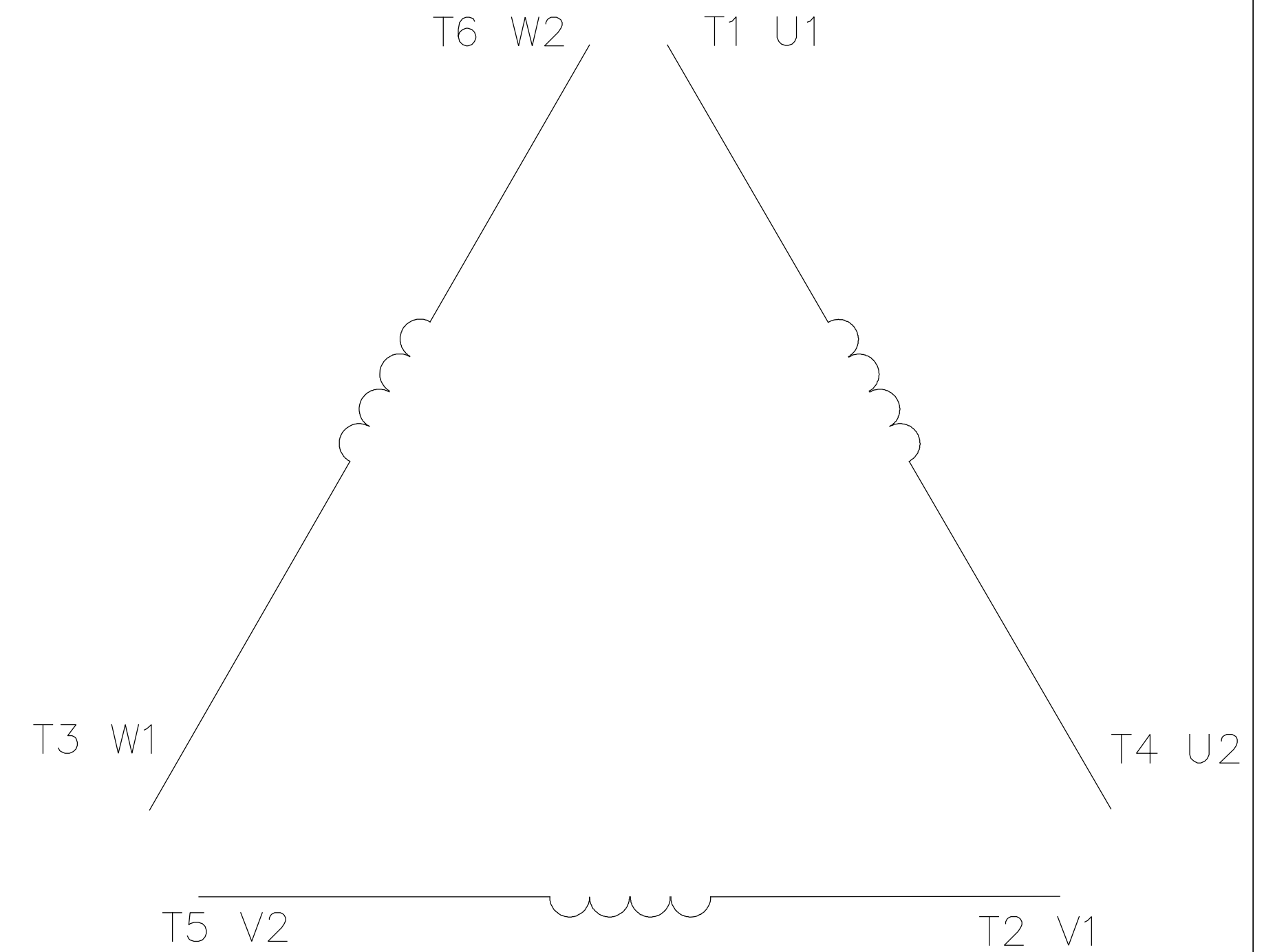
				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION	
				DECIMALS			
				.00	± .03	DRAWN LEM 10/01/99	TITLE OUTLINE - 444T/445T FRAME, OPEN DRIP PROOF, RIGID MOUNT, MEETS NEC/UL CON-BOX VOLUME = 13800 CC
				.000	± .005	CH'K'D. ADS 10/15/99	
				.0000	± .0005	APPR. ADS 10/15/99	
				FRACTIONS	± 1/64	SCALE 1=6	MAT'L.
				ANGLES	± 1/2"	REF.	CAST IRON
				INCH/MM		FINISH	SIZE B
				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			
				DRAWING NO. 169582-60			

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