

# PRODUCT INFORMATION PACKET



Model No: 171576.00

Catalog No: 171576.00

General Purpose Motor, 150 & 125 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1200 & 1000 RPM, 445T Frame, DP



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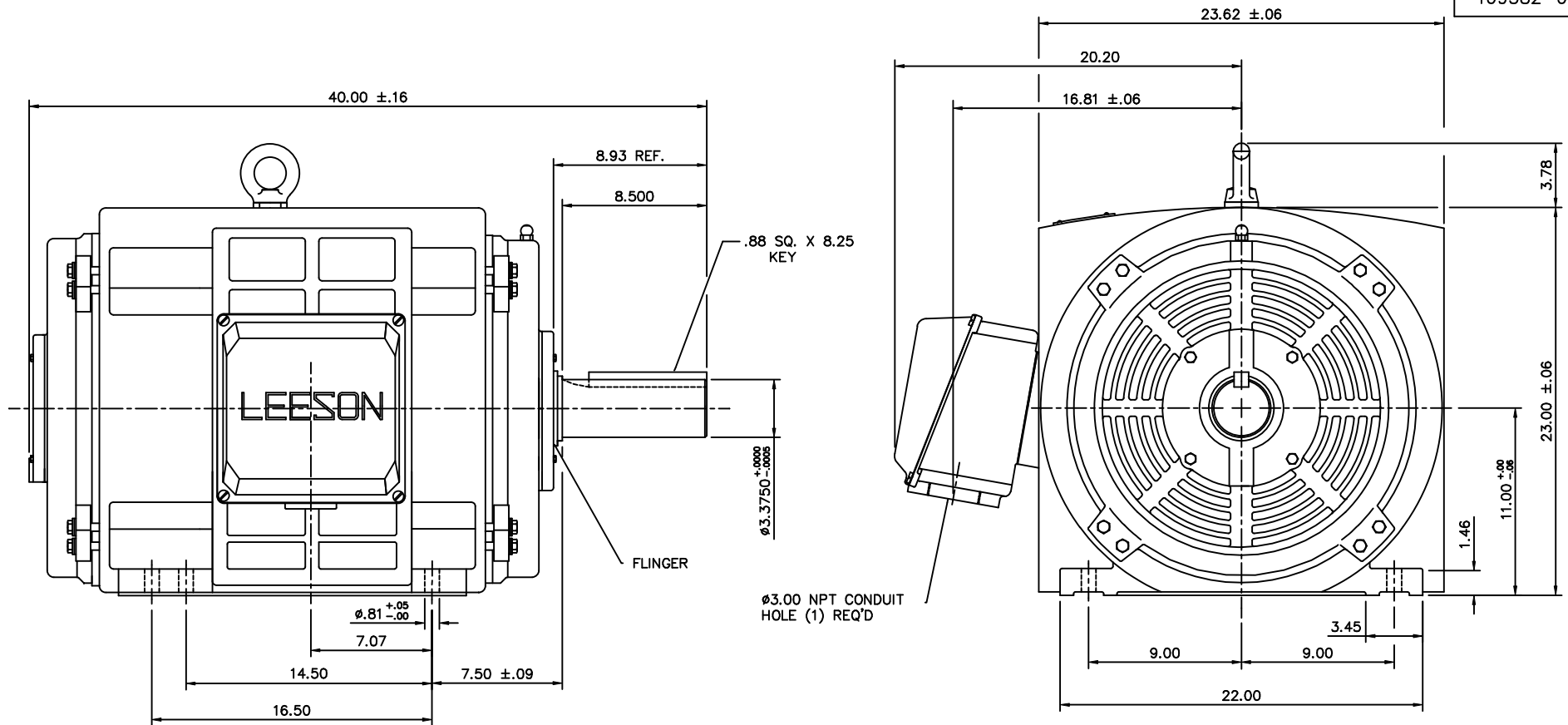
## Nameplate Specifications

Phase	3	Output HP	150 & 125 Hp
Output KW	112.0 & 93.0 kW	Voltage	460 & 380 V
Speed	1195 & 995 rpm	Service Factor	1.15 & 1.15
Frame	445T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.8 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	178 & 179 A	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	E
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 Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.0248 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	40.00 in
Shaft Diameter	3.375 in	Shaft Extension	8.5 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	00519001	Outline Drawing	16958260

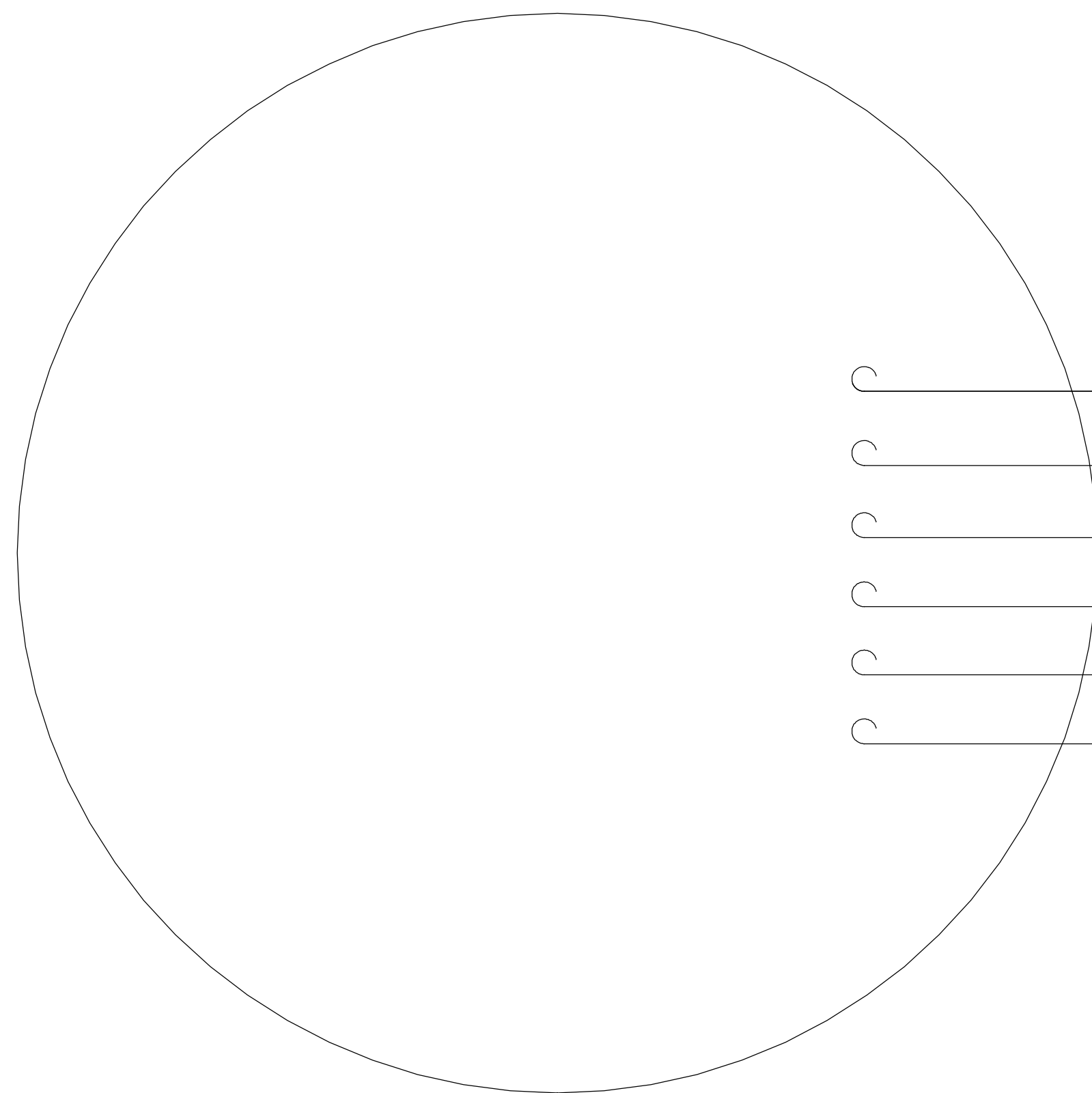
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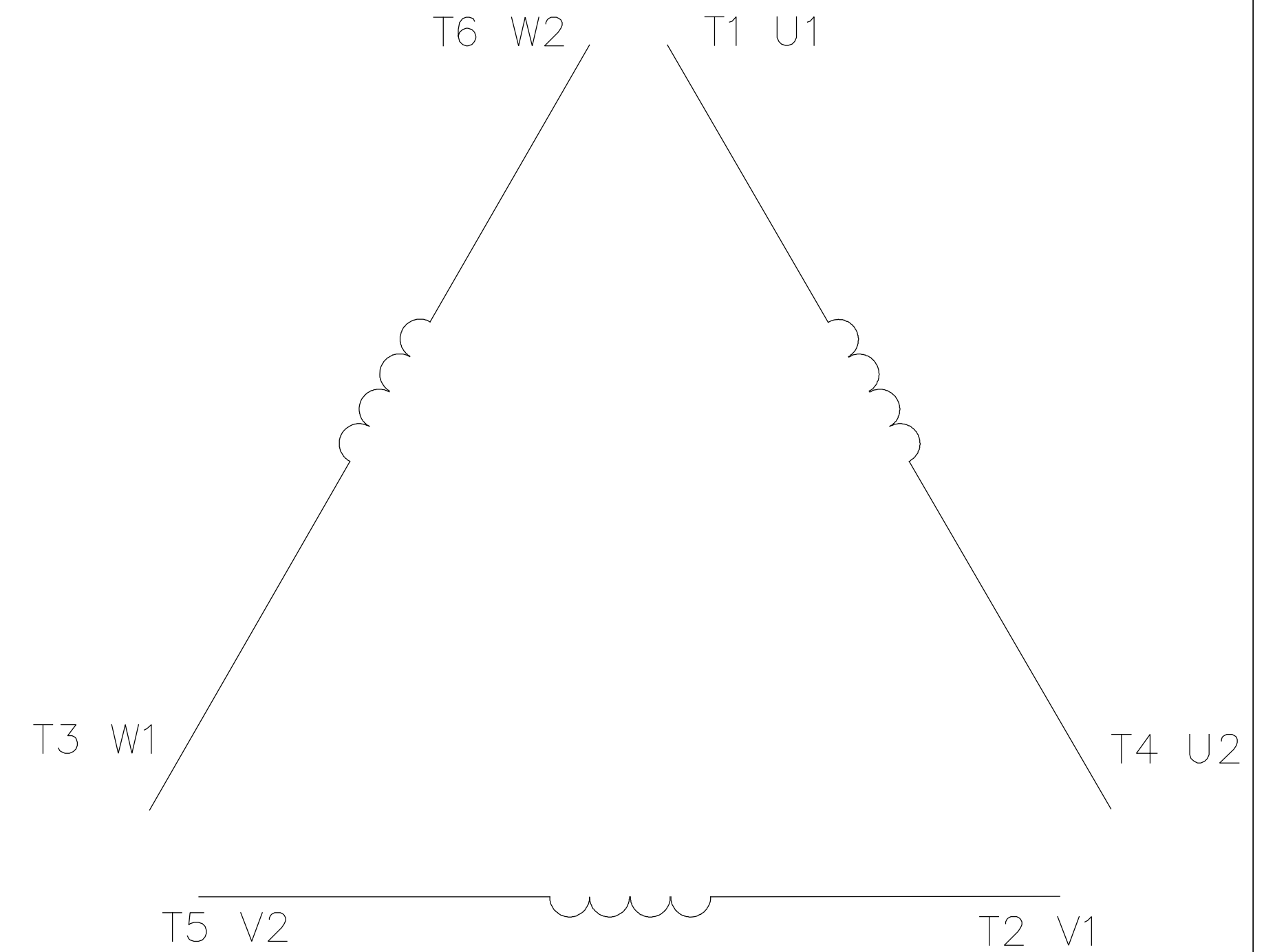
				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON</b> ELECTRIC CORPORATION	
				DECIMALS			
				.00	± .03	DRAWN LEM 10/01/99	TITLE OUTLINE - 444T/445T FRAME, OPEN DRIP PROOF, RIGID MOUNT, MEETS NEC/UL CON-BOX VOLUME = 13800 CC
				.000	± .005	CH'K'D. ADS 10/15/99	
				.0000	± .0005	APPR. ADS 10/15/99	
				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. 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				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			
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				SIZE
				INCH/MM		FMF ELECTRO POWER	A	005190-01		