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.....

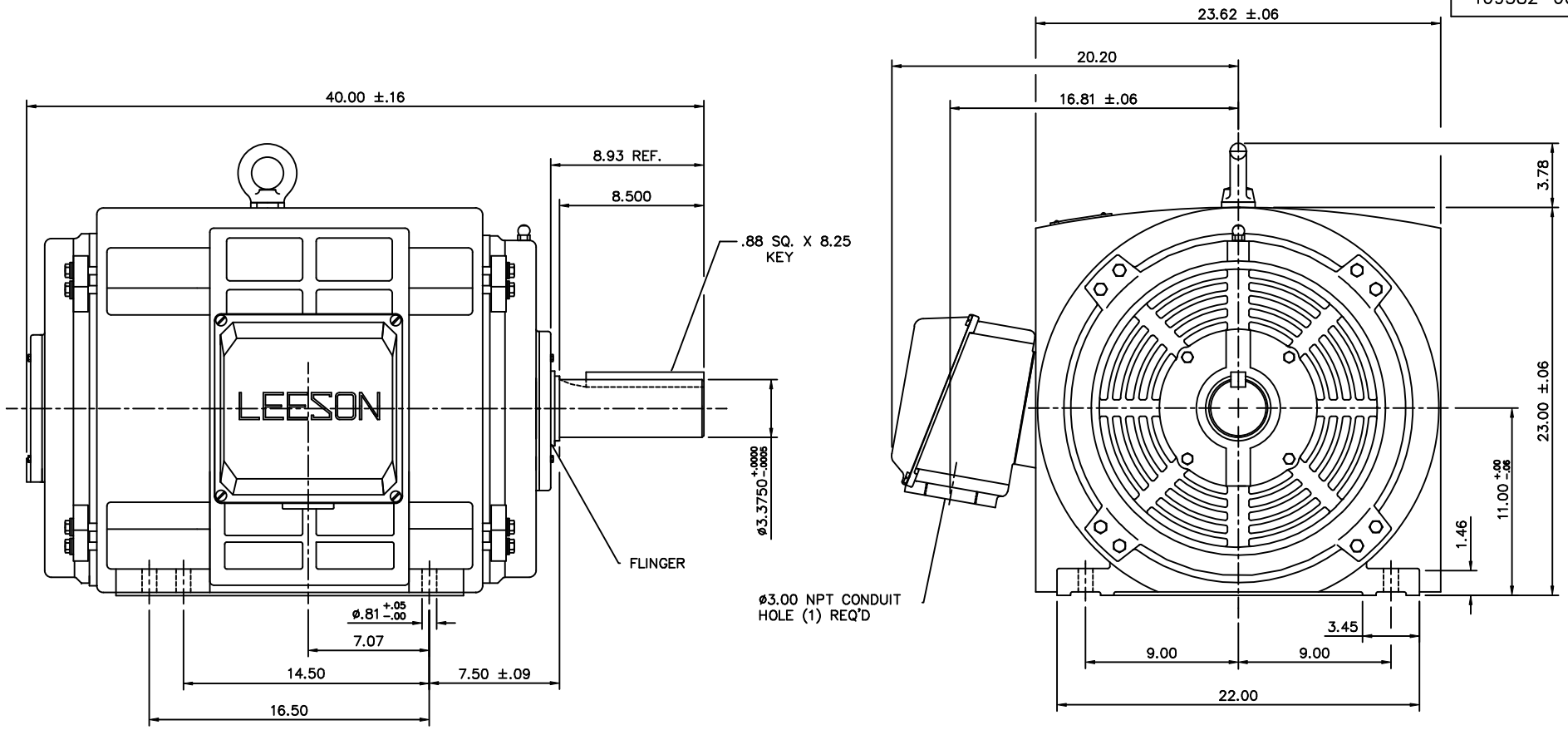
Nameplate Specifications

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

169582-60



NO.	REVISION	BY	DATE

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TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMALS	
.00	± .03
.000	± .005
.0000	± .0005
FRACTIONS	± 1/64
ANGLES	± 1/2°
INCH/MM	

LEESON ELECTRIC CORPORATION

DRAWN	LEM 10/01/99
CH'K'D.	ADS 10/15/99
APPR.	ADS 10/15/99
SCALE	1=6
REF.	
FMF	

TITLE OUTLINE – 444T/445T FRAME, OPEN DRIP PROOF, RIGID MOUNT, MEETS NEC/UL CON-BOX VOLUME = 13800 CC

MAT'L. CAST IRON

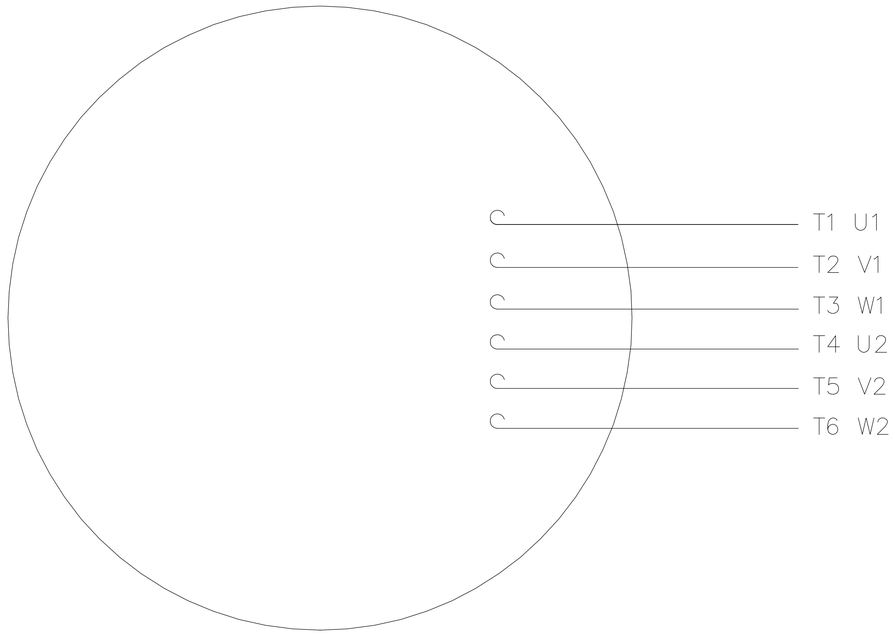
FINISH

SIZE	DRAWING NO.
B	169582-60

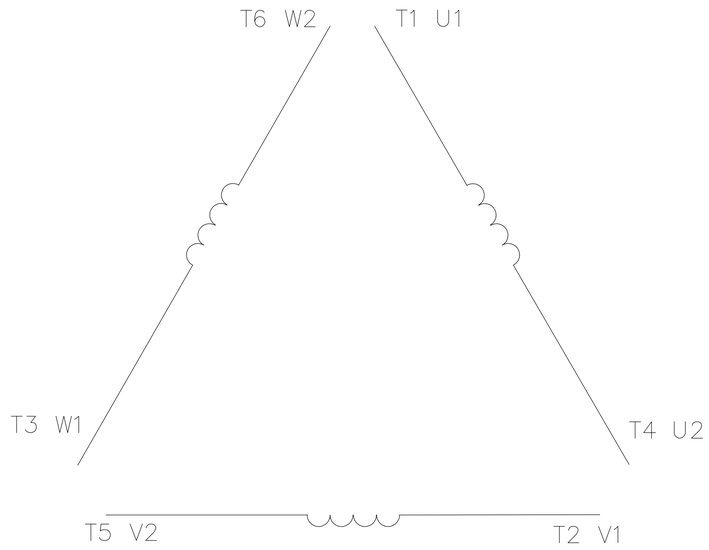
ERROR: undefined
OFFENDING COMMAND: Pscript_WinN

STACK:

005190-01



LINE LEADS



	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)	

NO.	REVISION	BY	DATE
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012
02	REMOVED OBSOLETE STATUS	KJH	6/28/99
01	REDRAWN ON CAD	DBT	05/30/97

TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMALS	
.00	± .01
.000	± .005
.0000	± .0005
FRACTIONS	± 1/64
ANGLES	± 1/2°
INCH/MM	

LEESON ELECTRIC CORPORATION

DRAWN PG 05/07/82	TITLE: EXT. WIRING DIAGRAM STAR START – DELTA RUN
CH'K'D. TEM	
APPR. 05/07/82	MAT'L. Y-CONNECTED START (CWLE) DELTA CONNECTED RUN – SINGLE VOLTAGE
SCALE 1=1	
REF. T2E	FINISH:
FMF ELECTRO POWER	SIZE: A — DRAWING NO.: 005190-01