PRODUCT INFORMATION PACKET

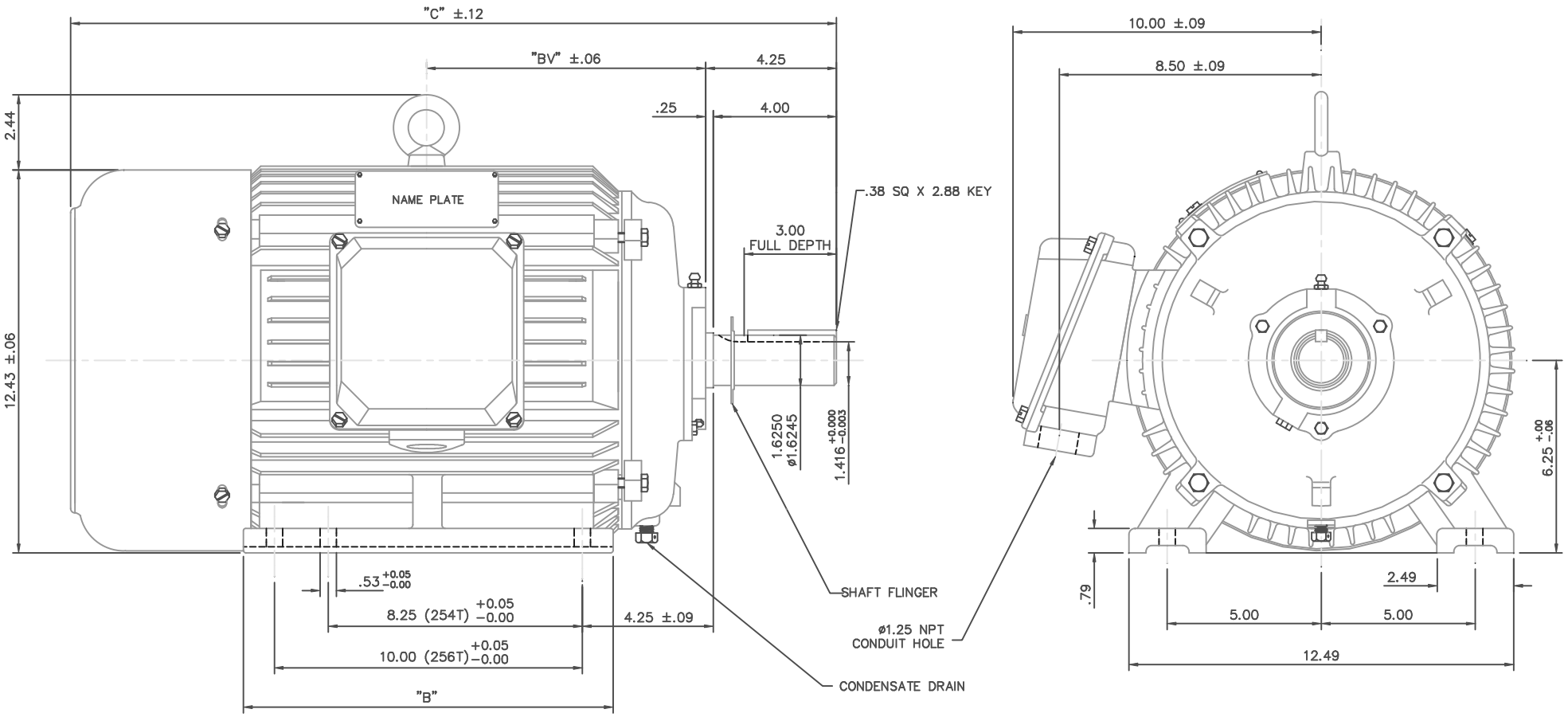
Model No: 170215.00
Catalog No: 170215.00
Obsolete replaced by 254TTFCD6080 - 7.5 HP 1200 575 TEFC 254T PREM EFF
General Purpose Motors

Nameplate Specifications

Output HP	**7.50 Hp**	Output KW	**5.6 kW**
Frequency	**60 Hz**	Voltage	**575 V**
Current	**8.9 A**	Speed	**1185 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**91.7 %**	Power Factor	**70**
Duty	**Continuous**	Insulation Class	**F**
Design Code	**B**	KVA Code	**H**
Frame	**254T**	Enclosure	**Totally Enclosed Fan Cooled**
Thermal Protection	**No**	Ambient Temperature	**40 °C**
Drive End Bearing Size	**6309**	Opp Drive End Bearing Size	**6308**
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	**6**	Rotation	**Reversible**
Mounting	**Rigid Base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Cast Iron**	Shaft Type	**T**
Overall Length	**23.19 in**	Shaft Diameter	**1.625 in**
Shaft Extension	**4 in**	Assembly/Box Mounting	**F1/F2 CAPABLE**
Outline Drawing	**16953860-254T**	Connection Drawing	**005190.01**



NOTE: 256T HAS 6 MTG. HOLES, USING BOTH 254T AND 256T "2F" LOCATIONS.

FRAME	"C"	"B"	"BV"
254T	23.19	10.25	8.19
256T	24.92	12.00	9.06

NO.	REVISION	BY & DATE	CH'K'D.
01	REDRAWN TO CURRENT CAD STANDARDS	CJK 8/3/01	

TOLERANCES UNLESS OTHERWISE SPECIFIED

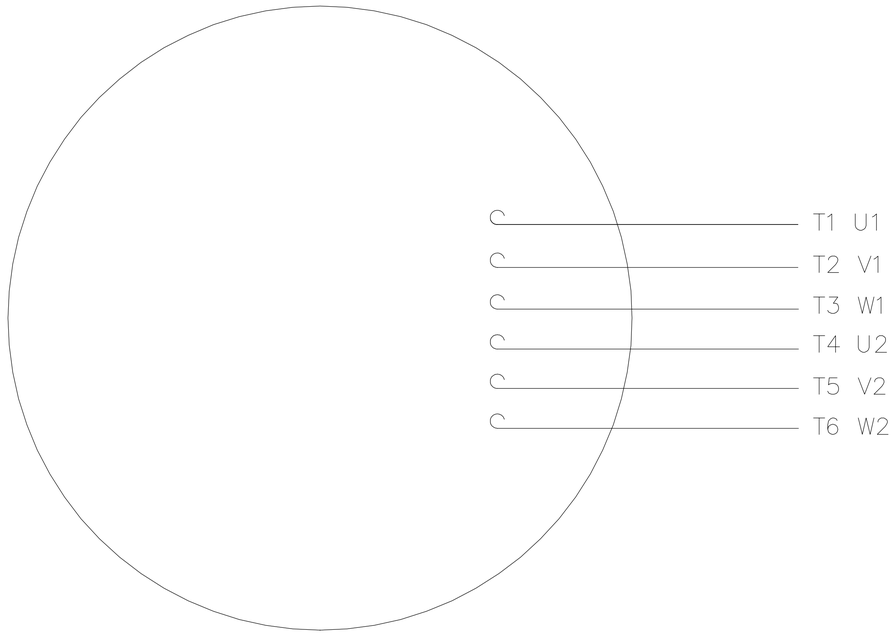
DEC.	INCHES	METRIC
.X	±.1	±2.5
.XX	±.03	±.76
.XXX	±.005	±.127
.XXXX	±.0005	±.0127
FRACTIONS	±1/64	
ANGLES	±1/2°	

LEESON ELECTRIC CORPORATION

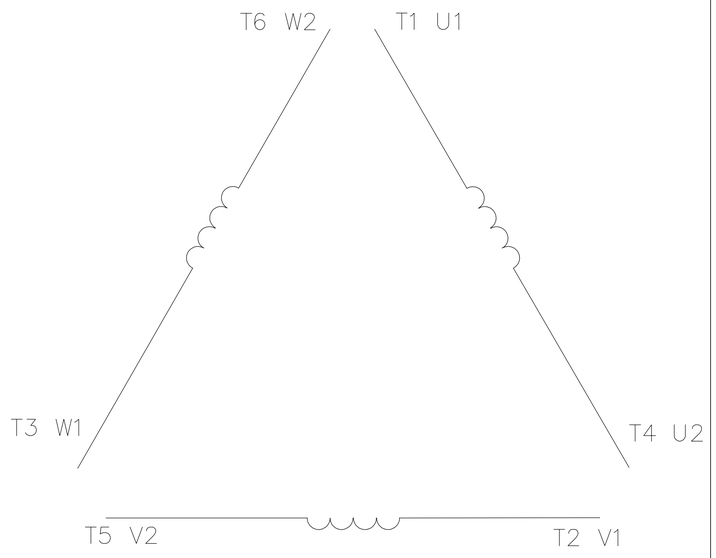
DRAWN DRZ 05/22/01
APPR.
R.F.P.
SCALE 5=16
REF.
FMF

TITLE: OUTLINE – 250 FRAME TEFC – RIGID, NEW CON-BOX
MAT'L.: CAST IRON
FINISH:
REV.: 01
DRAWING NO.: 169538-60

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