

PRODUCT INFORMATION PACKET



Model No: 122228.00

Catalog No: 122228.00

Special Voltage Motor, 1.50 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 145TC Frame, TEFC



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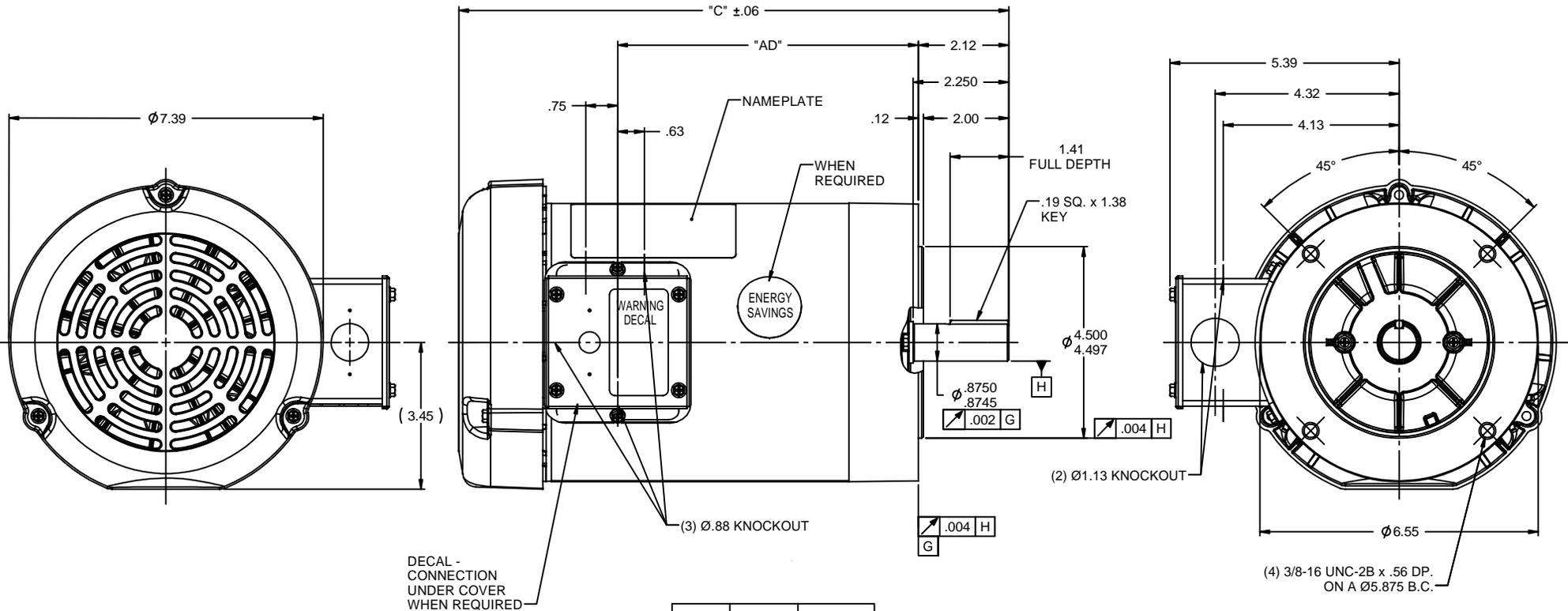


Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	575 V
Current	1.9 A	Speed	1750 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	67.7
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Frame	145TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

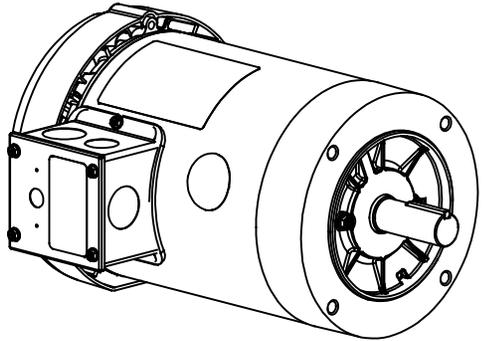
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.42 in
Frame Length	7.50 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028777-750	Connection Drawing	005102.13



DECAL - CONNECTION UNDER COVER WHEN REQUIRED

DASH NO.	"C"	"AD"
550	11.42	5.56
600	11.92	6.06
650	12.42	6.56
675	12.67	6.81
700	12.92	7.06
750	13.42	7.56
800	13.92	8.06

NOTE:
1) GASKETS THROUGHOUT



REVISION			BY & DATE	CHK	ANG	±1/2"	FINISH	GENERAL PURPOSE	SIZE	DRAWING NO	REV
05	ADDED FAN GUARD DIMENSIONS PER SALES	PG	1/5/2011	DEC	INCHES				B	028777	05
04	ADDED DASH NO. 675	PG	5/21/2010	X	±.1						
03	ADDED ENERGY SAVINGS DECAL	PG	5/19/2010	.XX	±.03						
02	ADD "C" DIM. PER ISAAC 09-4157	LST	10/1/2009	.XXX	±.005						
01	REVISED GD&T POSITIONING & CALLOUT	KMM	8/27/07	.XXX	±.0005						



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN KMM 08/02/07

CHK

APPR

SCALE 7:16

REF 028504.00

FMF 120038.00

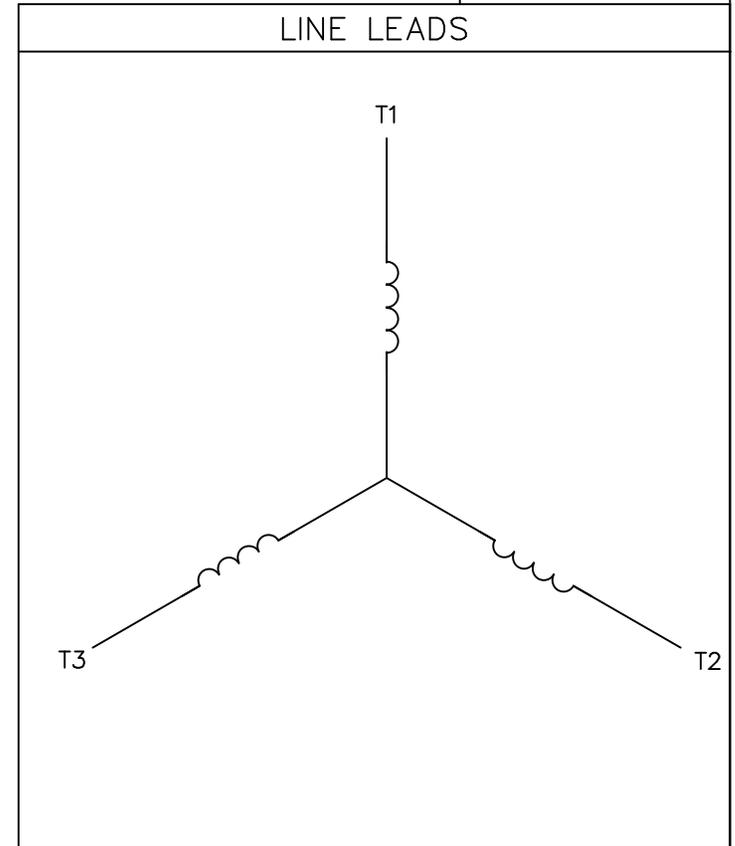
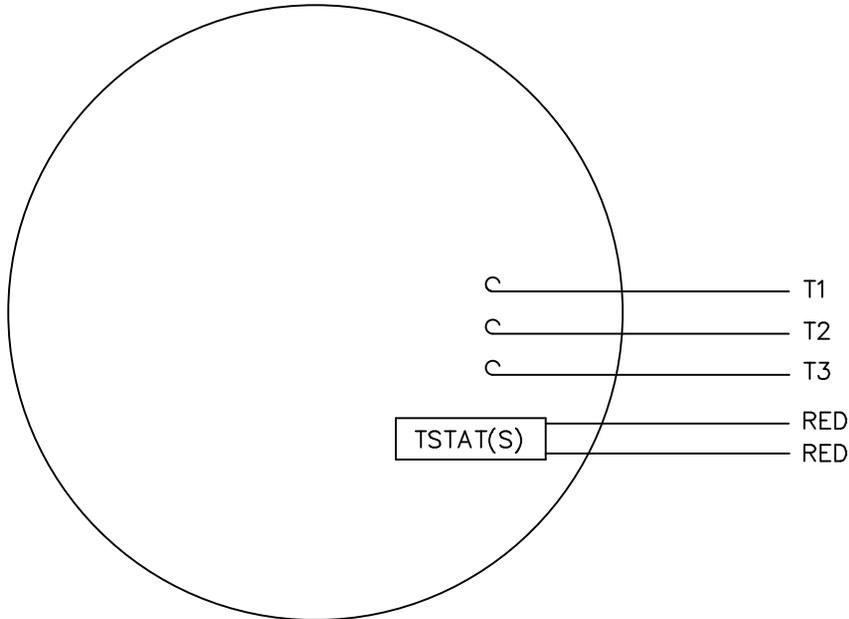
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NETWORK FILE NAME 028777

REV 05

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



CONNECT LEADS AS FOLLOWS

LINE	L1	L2	L3	
MOTOR	T1	T2	T3	

TOLERANCES UNLESS OTHERWISE SPECIFIED

DECIMALS

.00	± .01
.000	± .005
.0000	± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN MN 9/28/98

CH'K'D.

APPR.

SCALE 1=1

REF. 005102-13

FMF

TITLE EXT. WIRING DIAGRAM
TYPE "T" W/O PROTECTOR

MAT'L. DECAL - 004169
(TSTAT) - 080582

FINISH

SIZE

A

DRAWING NO.

005102-13

NO. REVISION BY DATE
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

Data Sheet

Date: 1/31/2018

122228.00



Data @ 575 V

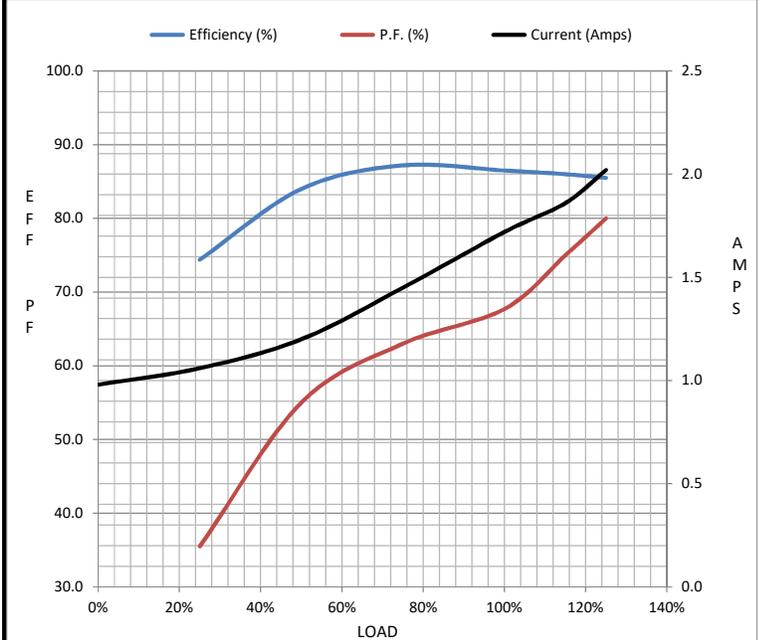
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.98	1.06	1.20	1.45	1.72	1.86	2.02	14.8
Torque (ft-lb)	0.00	1.10	2.25	3.4	4.5	5.2	5.6	17.2
RPM	1800	1785	1772	1760	1750	1.738	1732	0
Efficiency (%)		74.4	84.0	87.2	86.5	86.0	85.5	
P.F. (%)	9.9	35.5	55.0	63.0	67.7	75.0	80.0	48.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1600	1750	1800
Current (Amps)	14.8	12.9	9.7	1.72	0.98
Torque (ft-lb)	17.2	16.0	20.4	4.5	0.00

Information Block				
HP	1.5			
Sync. RPM	1800			
Frame	140			
Enclosure	TEFC			
Construction	TFR			
Voltage	575 V			
Frequency	60 Hz			
Design	B			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	45 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.14 Lb-Ft ²			
Ref Wdg	T634341 FR			
Sound Pressure @ 1M	65 dBA			
VFD Rating	NONE			
Outline Dwg	-			
Conn. Diag	005102.13			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

