PRODUCT INFORMATION PACKET

Model No: 445TTFN17002
Catalog No: M928
Other Purpose Motor, 150 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 445HPV Frame, TEFC

RegalRexnord

Nameplate Specifications

Output HP	150 Hp	Output KW	112.0 kW
Frequency	60 Hz	Voltage	460 V
Current	170.0 A	Speed	3565 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	445HPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.0305 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	HP	Overall Length	43.50 in
Frame Length	20.25 in	Shaft Diameter	2.125 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300U	Outline Drawing	B-SS514394-2025

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(33.92)

(20.75)

(17.38)

(26.31)

(C)

(AG)

4.50

.25
.31

5.75

.50x.50x3.00 KEY

—A—

Ø13.500
13.550

(Ø16.38)

.006 A

BV

.006 A

(28.69)

(11.75)

Ø3.62
LEAD HOLE

Ø14.765
14.735

Ø.69
4 HOLES

.377
.375

.750
.745

Ø1.750
1.745

Ø2.125
2.124

4.75
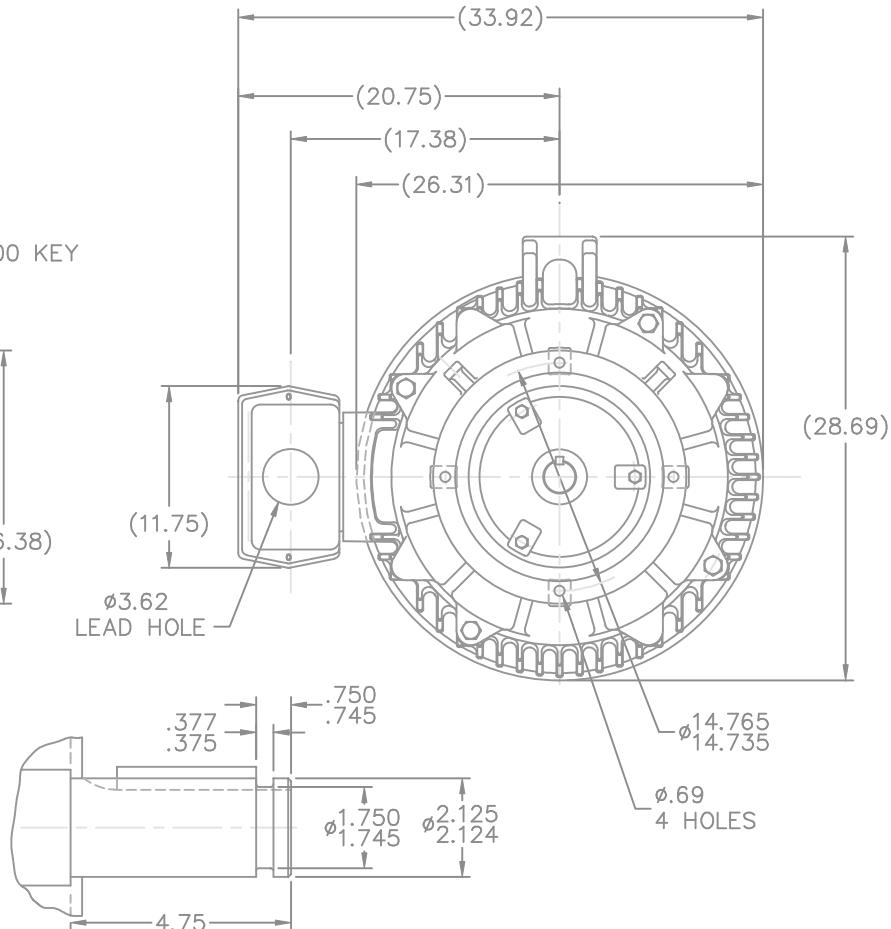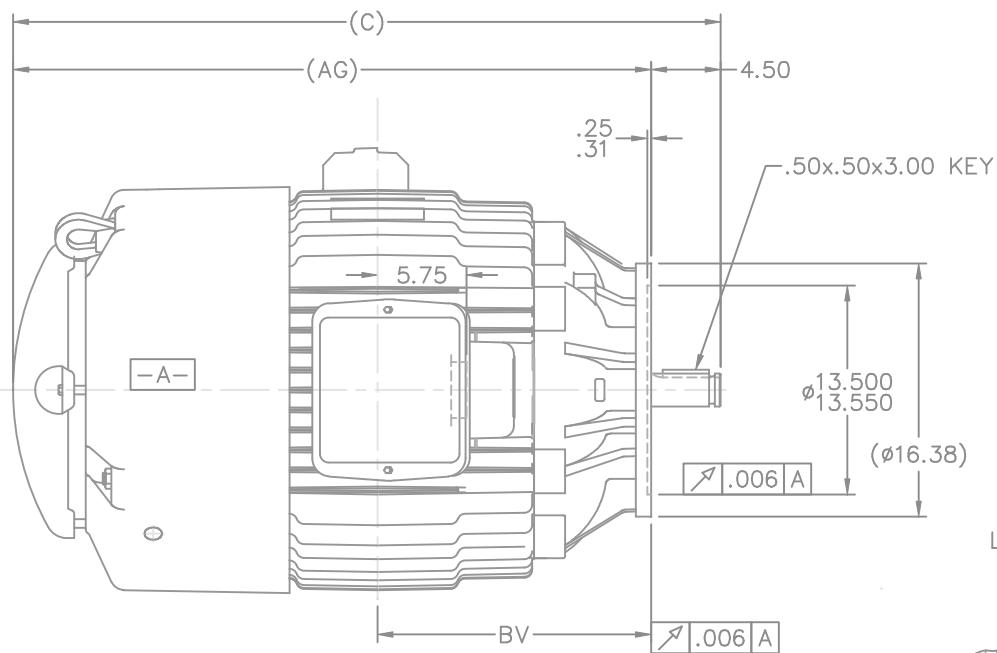
DETAIL OF SHAFT EXTENSION

NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS
2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE
   OF THE MOTOR

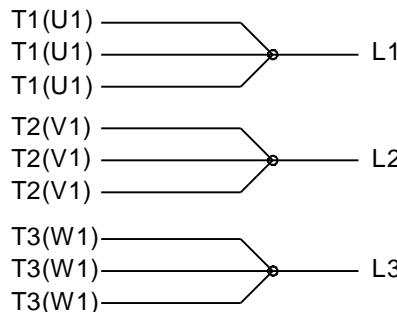| DASH	FRAME	C	AG	BV
2025	444/445HP	43.50	39.00	17.69

	TOLERANCES UNLESS SPECIFIED		
	DEC.	INCHES	
	.X	±.1	
	.XX	±.03	
	.XXX	±.005	
	.XXXX	±.0005	
	ANG	±7'30"	

NO.	REVISION	BY & DATE	CHK
3	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML
2	REM. EYEBOLT, REPLACED WITH NEW FRAME CN 22904	MJD 04-29-1997	
1	NEW DRAWING 3977863	DA 12-17-1992	

MARATHON ELECTRIC

DRAWN	DA 12-14-1992
CHK	ML 12-16-1992
APPD	TB 12-16-1992

TITLE OUTLINE - "P" BASE
444-445HP FR. - TEFC

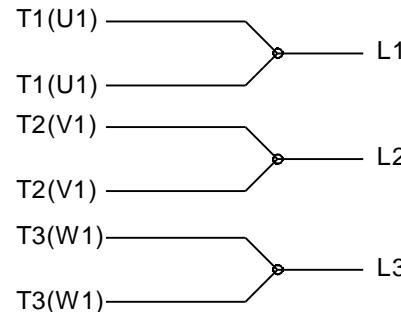SCALE 1=8
REF
MAT'L
FMF
FINISH
PREV

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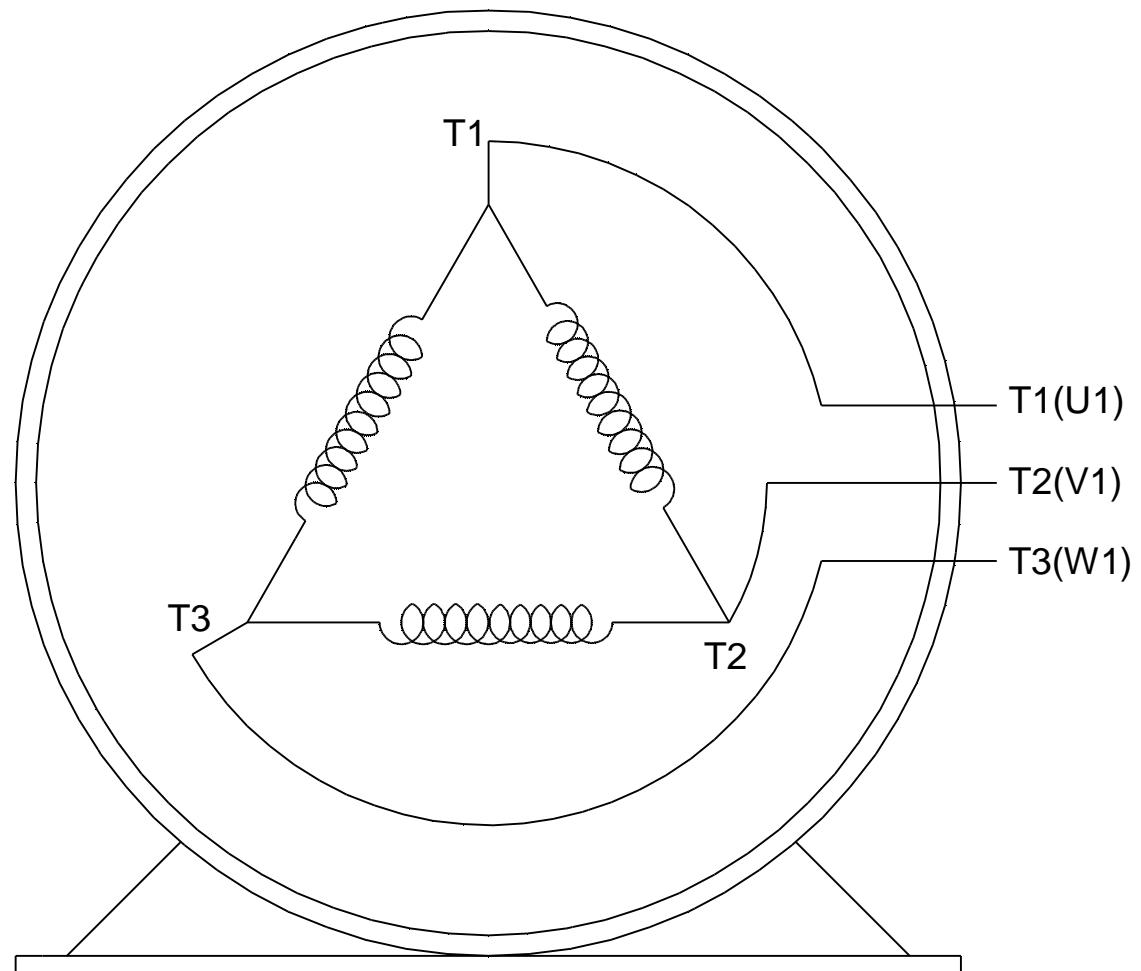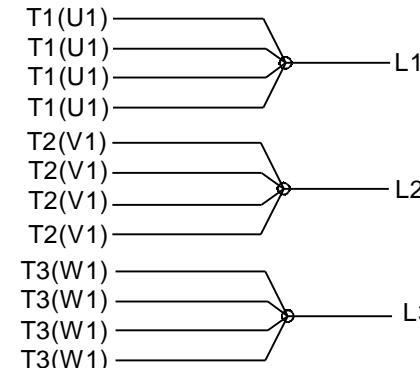
RFP
DIST WA

CAD FILE ss514394

SIZE	DRAWING NO.	PAGE OF	REV.
B	SS514394		3

10/2/2008 6:19:23 AM

IF MOTOR HAS 9 LEADS

T1(U1)
T1(U1) —— L1
T1(U1)

T2(V1)
T2(V1) —— L2
T2(V1)

T3(W1)
T3(W1) —— L3
T3(W1)

IF MOTOR HAS 6 LEADS

T1(U1) —— L1

T1(U1)

T2(V1) —— L2

T2(V1)

T3(W1) —— L3

T3(W1)

A-9806 DECAL IF CALLED FOR

IF MOTOR HAS 12 LEADS

T1(U1)
T1(U1)
T1(U1) —— L1
T1(U1)

T2(V1)
T2(V1)
T2(V1) —— L2
T2(V1)

T3(W1)
T3(W1)
T3(W1) —— L3
T3(W1)

T1

T1(U1)

T2(V1)

T3(W1)

T3

T2

VIEW OF TERMINAL END

DRAWING REVISION L	REVISION BY AJW	DATE 05-04-2015
ECO ECO-0077067	APPROVED BY EWH	DATE 05-05-2015

ECO DESCRIPTION
UPDATED TO SOLIDWORKS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7' 30"
.XX	±0.02	[±0.51]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 200 / 5.1
INCH ∨ mm ∨
mm SHOWN IN [BRACKETS]

DRAWN BY DRS	DATE 09-27-1996
APPROVED BY GK	DATE 09-30-1996
REFERENCE	

REGAL ™ Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3Ø SINDLE VOLTAGE

MATERIAL		PROCESS/FINISH

THIRD ANGLE PROJECTION ⊕⊖

SIZE A	DRAWING NUMBER EE7300U	SHEET 1 OF 1