PRODUCT INFORMATION PACKET

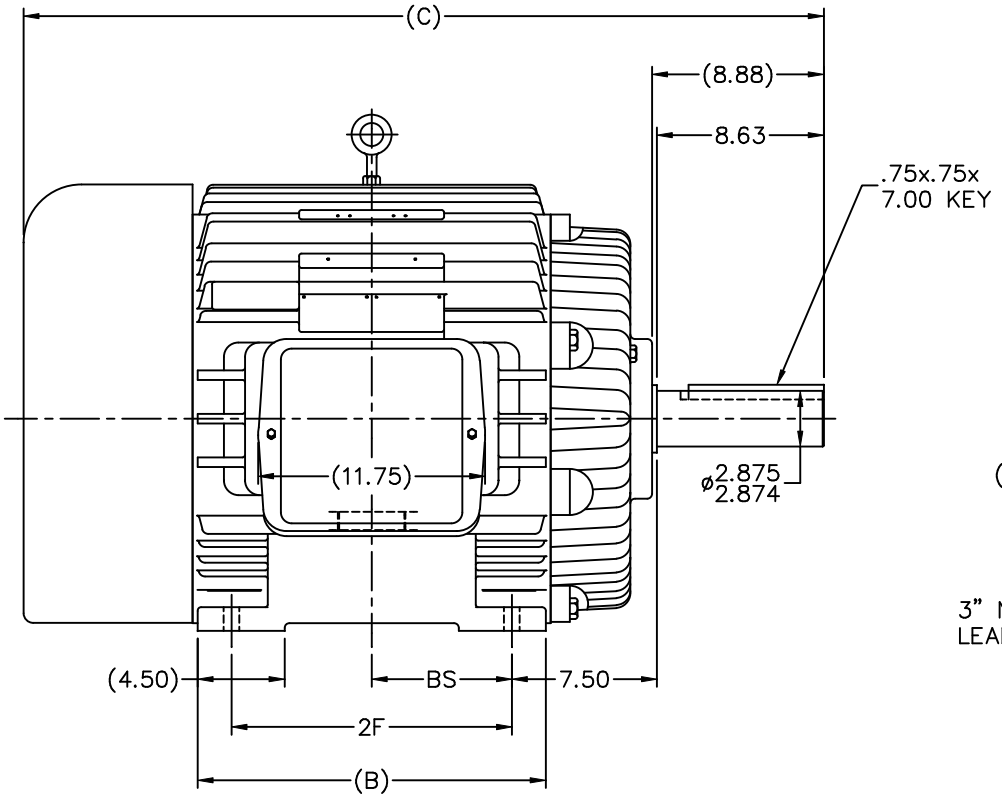
Model No: 444UTFS4036
Catalog No: P486
Automotive Duty Motor, 75 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 444U Frame, TEFC

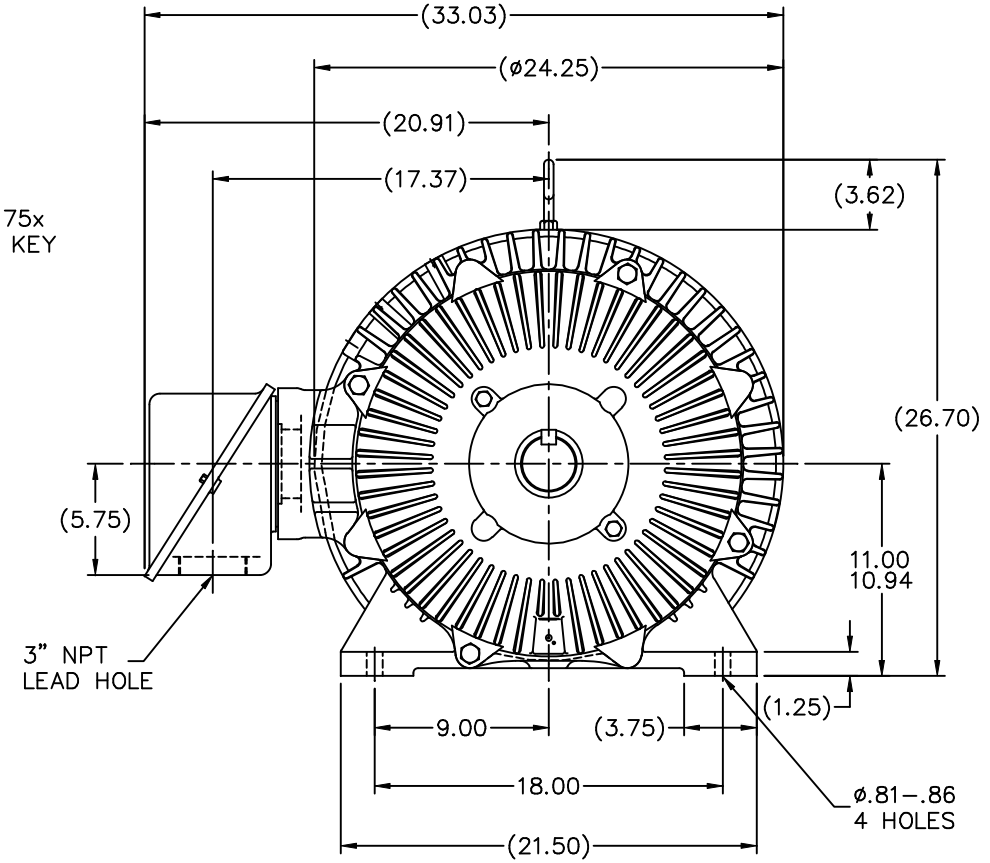
Nameplate Specifications

Output HP	75 Hp	Output KW	56.0 kW
Frequency	60 Hz	Voltage	460 V
Current	85.0 A	Speed	1785 rpm
Service Factor	1	Phase	3
Efficiency	95 %	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	444U	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	65 °C
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6316
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	4	Rotation	Reversible
Resistance Main	.06 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	U	Overall Length	41.38 in
Frame Length	18.50 in	Shaft Diameter	2.875 in
Shaft Extension	8.63 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300U	Outline Drawing	B-SS512505-1850





NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	BS
1850	444U	18.00	41.38	14.50	7.25
2050	445U	20.00	43.38	16.50	8.25

(B–SS513415)

NO.	REVISION	BY & DATE	CHK
2	REDRAWN IN AUTOCAD	TAT 05-19-2005	ML
1	NEW DRAWING MU35801	DRS 01-25-2002	

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

MARATHON ELECTRIC

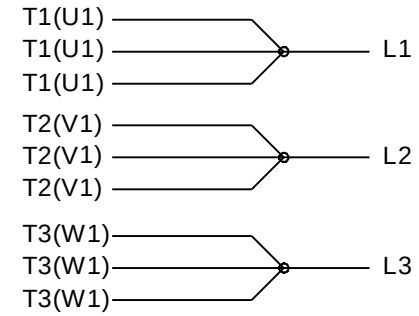
DRAWN DRS 01-25-2002
CHK ML 01-25-2002
APPD GK 01-25-2002
SCALE 5=32
REF
FMF
PREV

TITLE OUTLINE
440U FR. – TEFC – TAPPED LEAD HOLE
MAT'L.
FINISH
CAD FILE ss512505

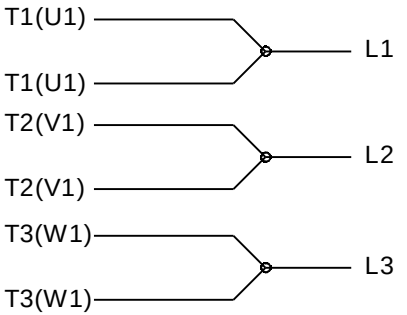
RFP
DIST WA

SIZE	DRAWING NO.	PAGE OF	REV.
B	SS512505		2

IF MOTOR HAS 9 LEADS

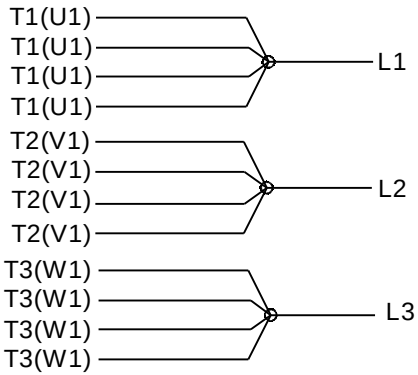


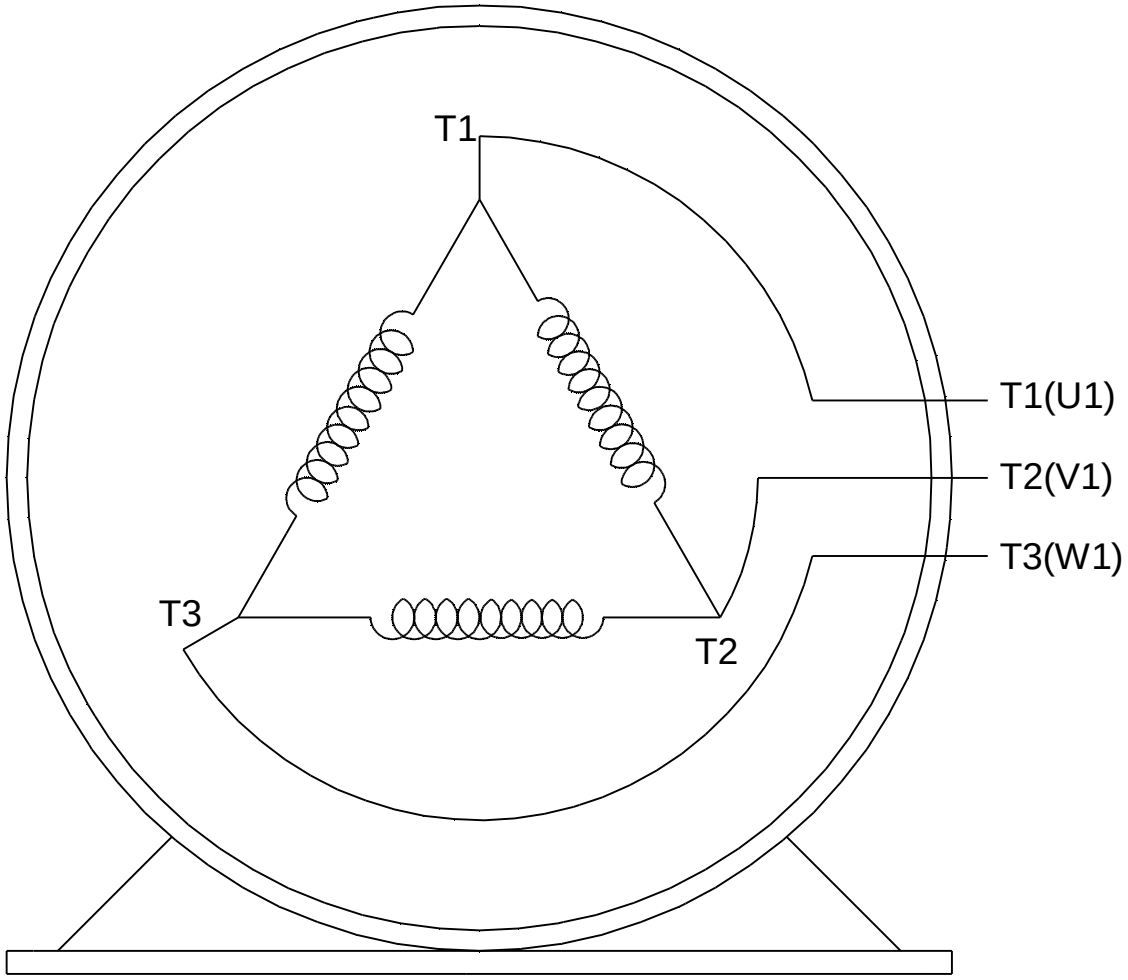
IF MOTOR HAS 6 LEADS



A-9806 DECAL IF CALLED FOR

IF MOTOR HAS 12 LEADS





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 INCH / 5.1 mm
mm SHOWN IN [BRACKETS]

DRAWN BY: DRS	Regal Beloit America, Inc.
DATE: 09-27-1996	
APPROVED BY: GK	DESCRIPTION: CONN DIAGRAM-EXTERNAL 3Ø SINDLE VOLTAGE
DATE: 09-30-1996	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: A / DRAWING NUMBER: EE7300U / SHEET: 1 OF 1