

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 080T34FH5303
Catalog No: R415
1 1/2,3600,TEFC,80M,3/60/575
TEFC



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REGAL[®]



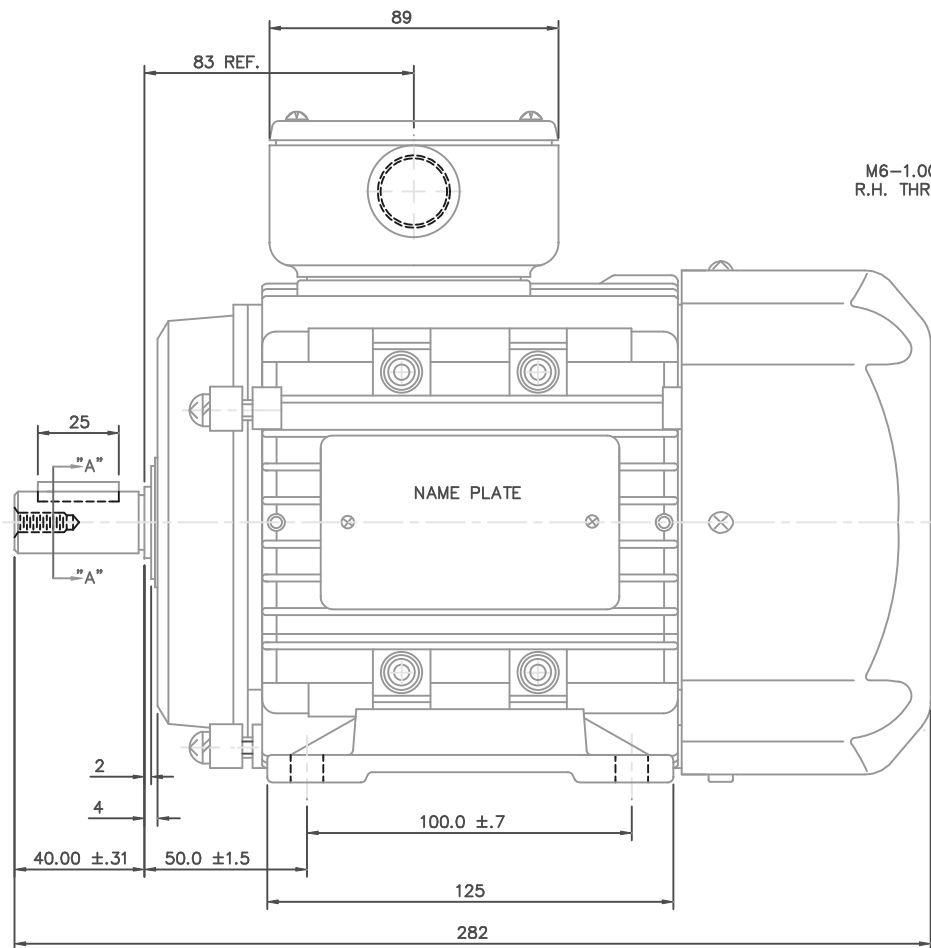
Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	575 V
Current	1.6 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	84 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	K	Frame	80M
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6204
Opp Drive End Bearing Size	6204	UL	Recognized
CSA	N	CE	Y
IP Code	43		

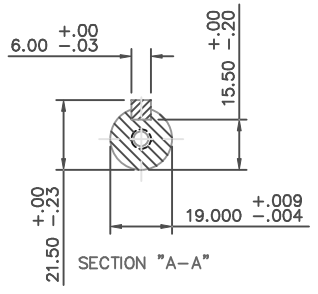
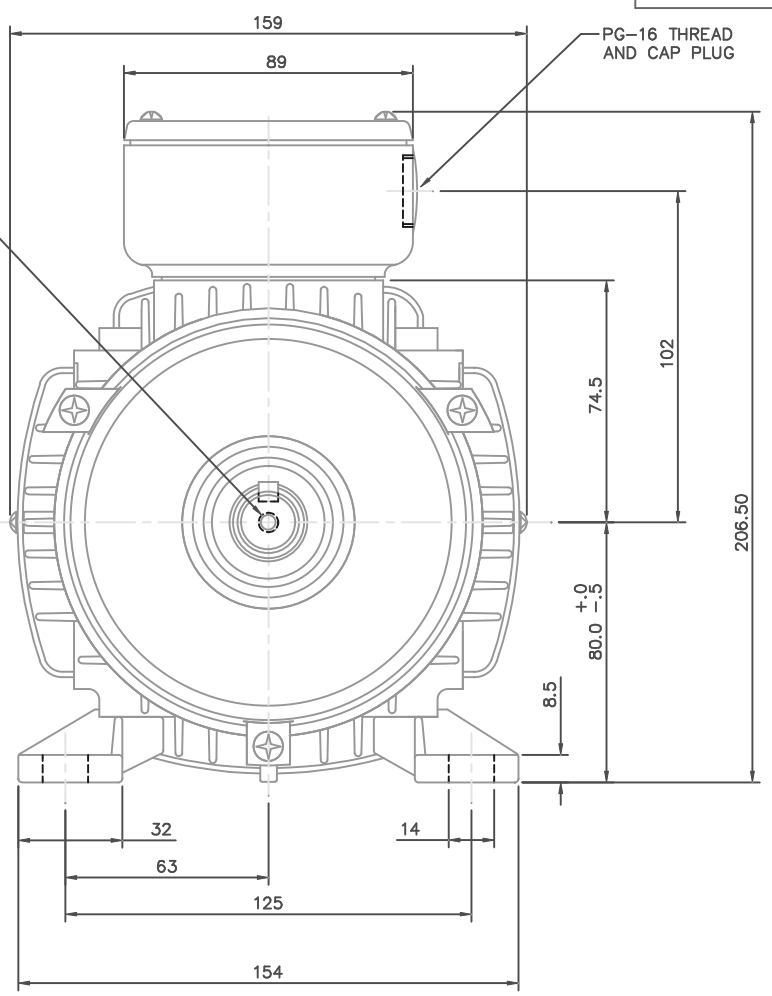
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Mounting	B3	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Aluminum	Shaft Type	IEC
Shaft Diameter	0.845 in	Assembly/Box Mounting	F3
Outline Drawing	16986100ME	Connection Diagram	00546801ME

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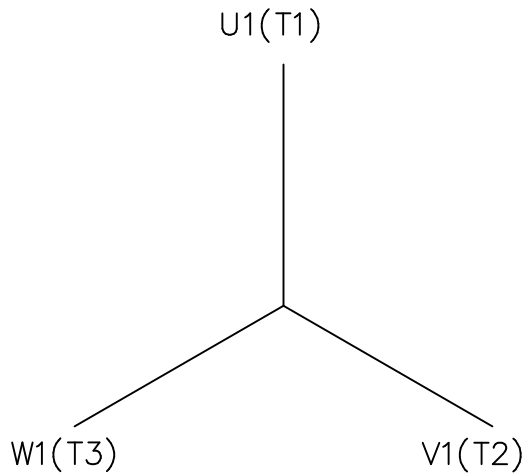
M6-1.00 x 16 DEEP
R.H. THREADED SHAFT



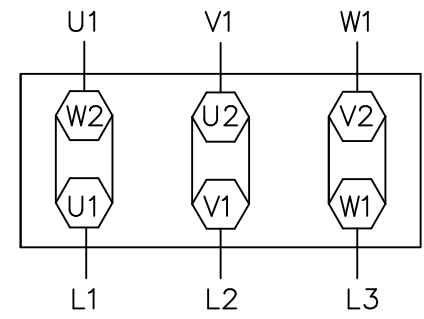
NO.		REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV				
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							DIST		B	169861-00ME		

TOLERANCES UNLESS SPECIFIED		DRAWN	
DEC.	METRIC	RDW	2/4/04
.X	±2.5	CHK	
.XX	±.76	APPD	SW 2/4/04
.XXX	±.127	SCALE	1=1.5
.XXXX	±.0127	REF	OSVC-300-552
		FMF	
		PREV	

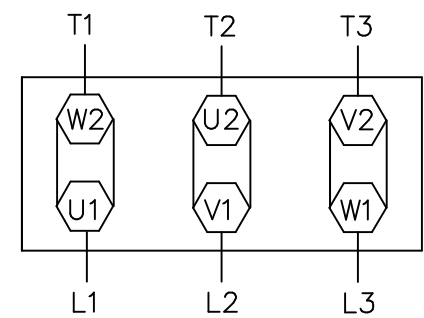
MARATHON ELECTRIC		TITLE	
		METRIC OUTLINE, IMB3 IEC-80 FRAME TEFC	
		MAT'L	
		ALUMINUM	



IEC MARKINGS



NEMA MARKINGS



TO REVERSE ROTATION
INTERCHANGE ANY TWO
LINE LEADS

		TOLERANCES UNLESS SPECIFIED	
		DEC.	INCHES
		.X	±.1
		.XX	±.01
		.XXX	±.005
		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK ANG ±1/2'



TITLE: EXTERNAL WIRING DIAGRAM
TYPE "T" W/O PROT W/TERM. BLOCK

MAT'L:

FINISH:

DRAWN	JGO 3/10/04
CHK	
APPD	
SCALE	3=4
REF	
FMF	
PREV	

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