

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 071T34FH5303
Catalog No: R406
1/2,3600,TEFC,71M,3/60/575
TEFC



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REGAL[®]



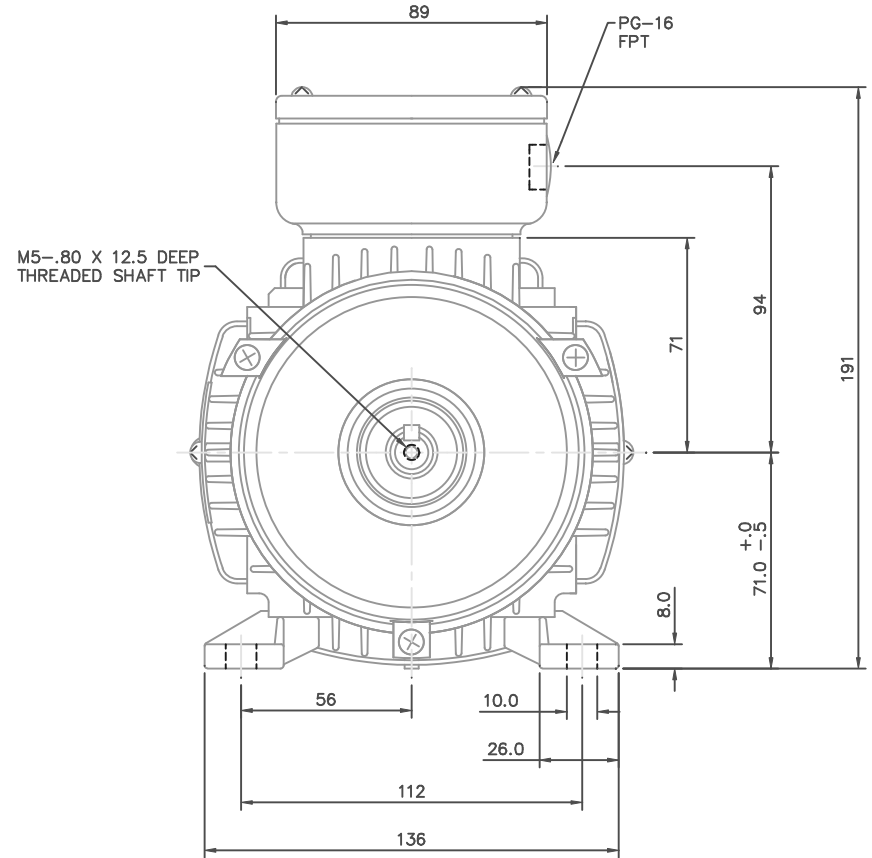
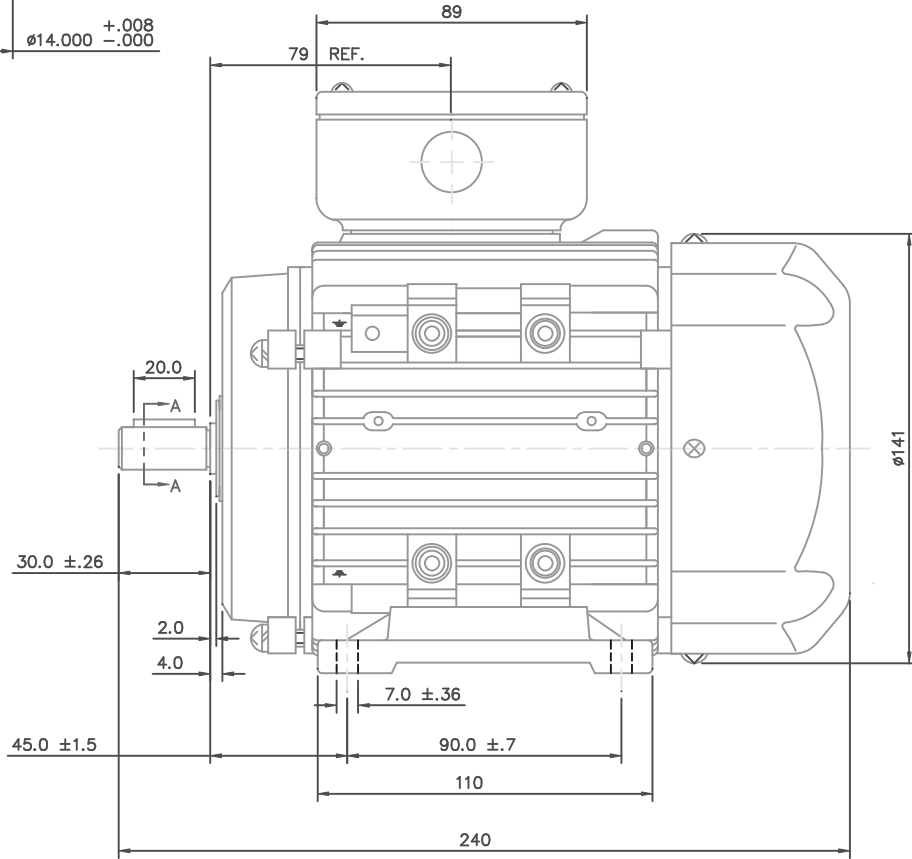
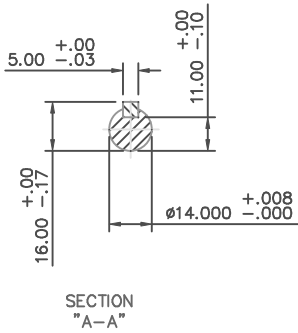
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	575 V
Current	0.66 A	Speed	3410 rpm
Service Factor	1.15	Phase	3
Efficiency	74 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	J	Frame	D71
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	B3	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Aluminum	Shaft Type	IEC
Overall Length	9.44 in	Shaft Diameter	0.555 in
Shaft Extension	1.18 in	Assembly/Box Mounting	F3
Outline Drawing	16986000ME	Connection Diagram	00546801ME

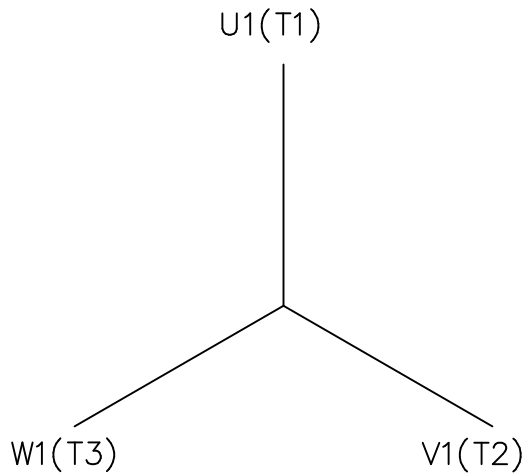
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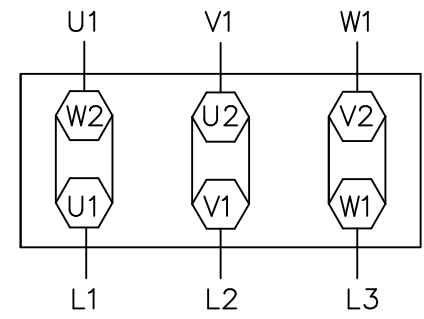
NO.		REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV				
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							DIST		B	169860-00ME		

TOLERANCES UNLESS SPECIFIED		DRAWN	
DEC.	METRIC	ADS	01/18/02
.X	±2.5	CHK	
.XX	±.76	APPD	
.XXX	±.127	SCALE	1=1.6
.XXXX	±.0127	REF	OSVC-300-553
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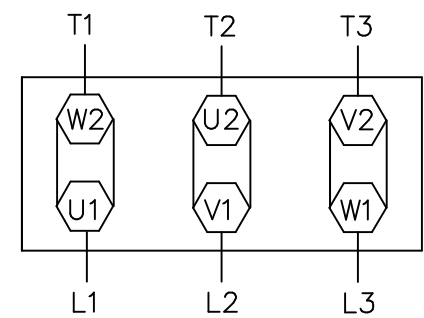
MARATHON ELECTRIC		TITLE	
		METRIC MOTOR OUTLINE, IMB3 IEC-71 FRAME RIGID	
		MAT'L	
		ALUMINUM	



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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