

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 080T11FH5406  
Catalog No: R365  
1/3,1200,TEFC,80C,3/60/230/460  
TEFC



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**REGAL**<sup>®</sup>



### Nameplate Specifications

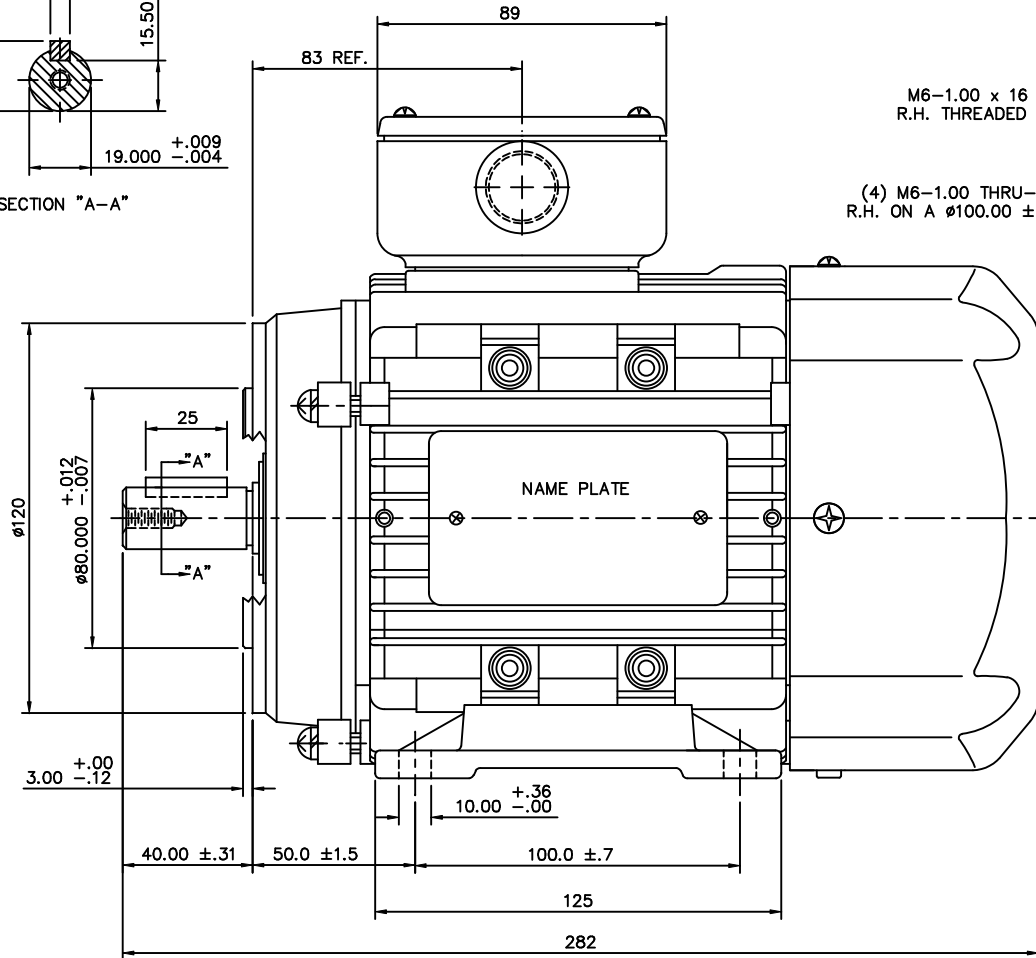
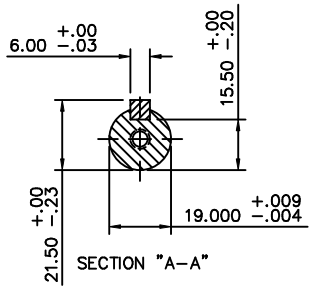
Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>1.3/0.65 A</b>	Speed	<b>1130 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>70 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>H</b>	Frame	<b>80</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6204</b>
Opp Drive End Bearing Size	<b>6204</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>55</b>		

### Technical Specifications

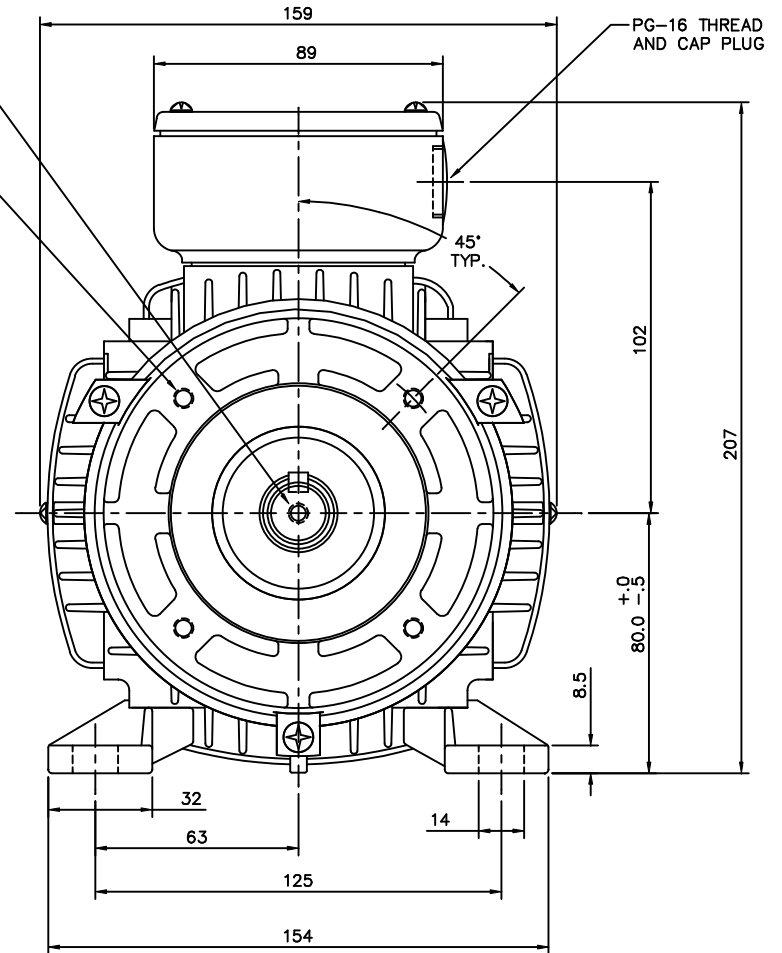
Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Aluminum</b>	Shaft Type	<b>IEC</b>
Overall Length	<b>11.1 in</b>	Shaft Diameter	<b>0.750 in</b>
Shaft Extension	<b>1.57 in</b>	Assembly/Box Mounting	<b>F3</b>
Outline Drawing	<b>16986500ME</b>	Connection Diagram	<b>00546501ME</b>

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169865-00ME

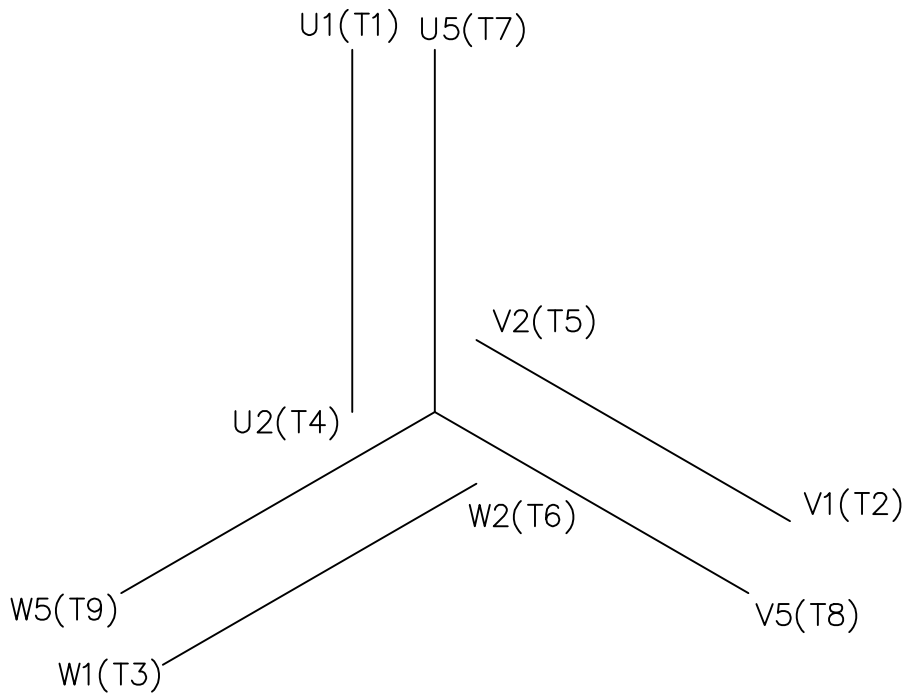


M6-1.00 x 16 DEEP  
R.H. THREADED SHAFT  
  
(4) M6-1.00 THRU-THREAD  
R.H. ON A Ø100.00 ±.17 B.C.



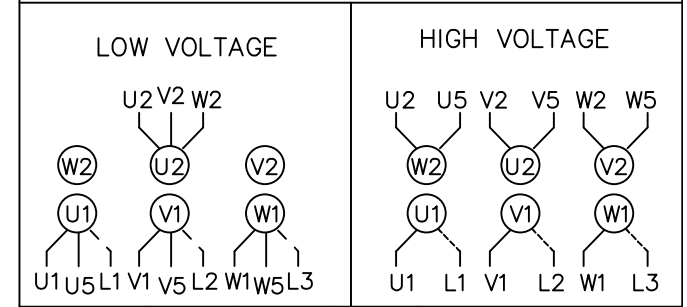
PG-16 THREAD  
AND CAP PLUG

		TOLERANCES UNLESS SPECIFIED		<b>MARATHON ELECTRIC</b>		DRAWN ADS 01/30/02
		DEC.	INCHES			CHK
		.X	±.1			APPD
		.XX	±.03	TITLE		SCALE 1=1.5
		.XXX	±.005	IEC-80 FRAME TEFC RIGID W/B14 FLANGE		REF OSVC-300-560
		.XXXX	±.0005	MAT'L		FMF
				ALUMINUM		PREV
NO.	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE	16986500ME	SIZE B DRAWING NO. 169865-00ME
			DIST			REV.



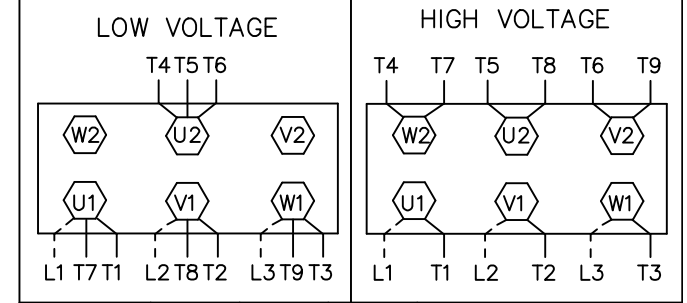
REF. DECAL (IEC) 080644  
REF. DECAL (NEMA) 080446

IEC MARKINGS



LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	U1,U5	V1,V5	W1,W5	---	U2,V2,W2	---
HIGH	U1	V1	W1	U2,U5	V2,V5	W2,W5

NEMA MARKINGS



LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	T1, T7	T2, T8	T3, T9	---	T4,T5,T6	---
HIGH	T1	T2	T3	T4, T7	T5, T8	T6, T9

				TOLERANCES UNLESS SPECIFIED			DRAWN JGO 3/10/04						
				DEC.	INCHES		CHK SB 02-17-2010						
				.X	±.1		APPD MJS 02-17-2010						
				.XX	±.01		SCALE 1=1						
				.XXX	±.005		REF						
				.XXXX	±.0005	MAT'L. IEC/NEMA MARKINGS							
				FINISH			FMF						
				CHK ANG ±1/2'			PREV						
NO. REVISION				BY & DATE		RFP 02-17-2010		SIZE A		DRAWING NO. 005465ME-01		REV.	
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