

# PRODUCT INFORMATION PACKET



Model No: C71T34FZ4C

Catalog No: 192047.00

3/4 HP..3400/2780RPM.71.IP55.230/460V.3PH.60/50HZ.CONT.NOT.40C.1.15/1.15SF.B3/B14.IEC

Metric.C71T34FZ4C

TEFC



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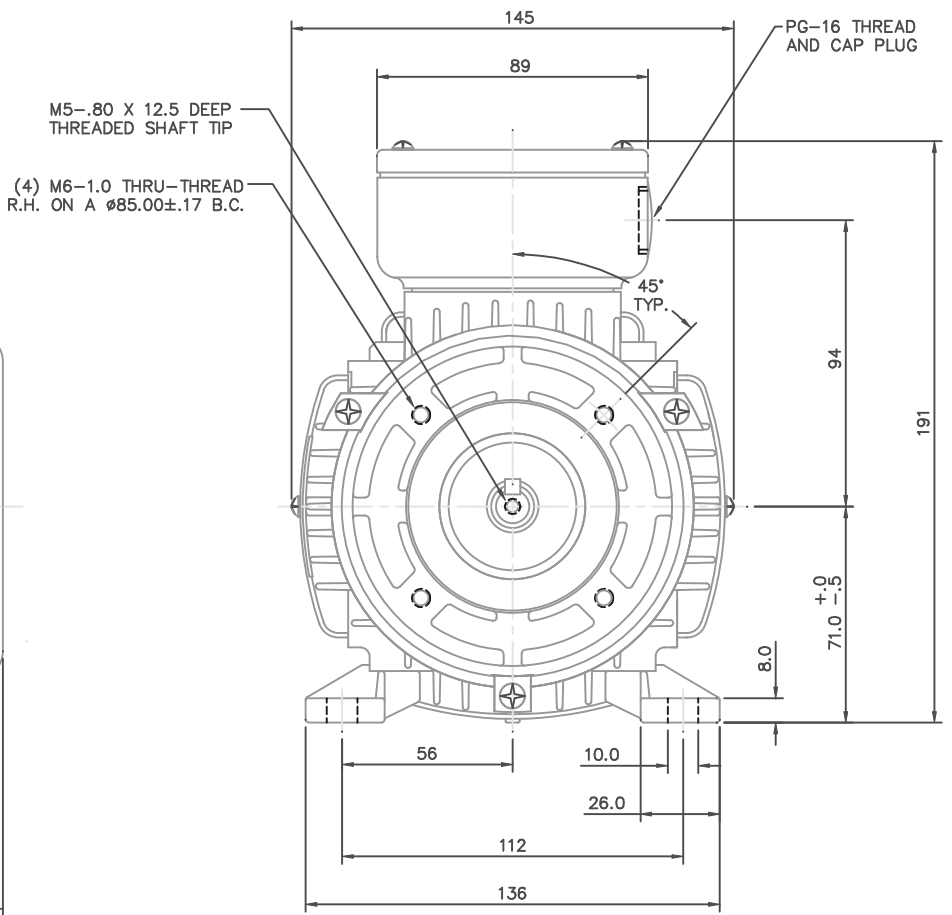
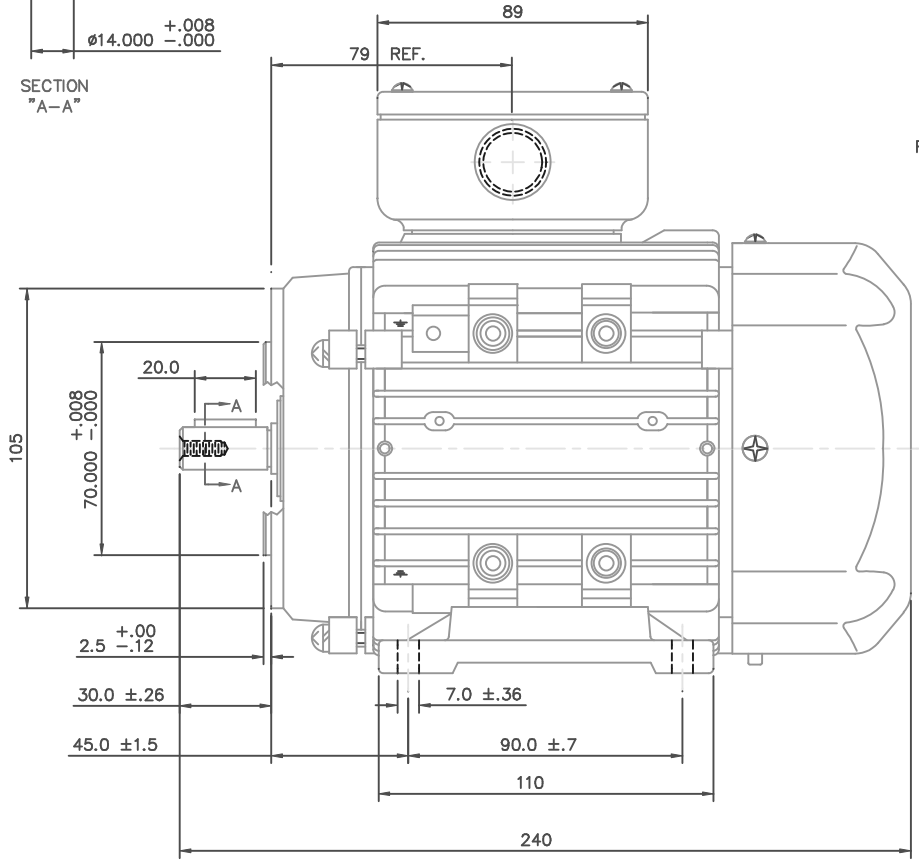
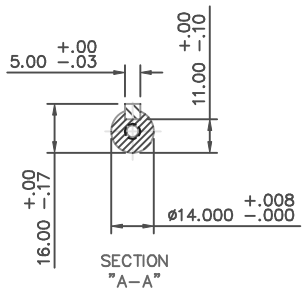
### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>2.4/1.2 A</b>	Speed	<b>3400 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>74 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>D71C</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</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>2</b>	Rotation	<b>Reversible</b>
Mounting	<b>B3</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>9.44 in</b>	Frame Length	<b>4.68 in</b>
Shaft Diameter	<b>0.562 in</b>	Shaft Extension	<b>1.18 in</b>
Assembly/Box Mounting	<b>F3</b>		
Outline Drawing	<b>16986400</b>	Connection Diagram	<b>005465.01</b>

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		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN
NO.	REVISION	DEC.	METRIC			CHK
		.X	±			ADS 01/30/02
		.XX	±			CHK
		.XXX	±		TITLE	SCALE 1=1.6
		.XXXX	±		METRIC MOTOR OUTLINE, IMB34 IEC-71 FRAME RIGID MOUNT W/B14 FLANGE	REF OSVC-300-561
		CHK	ANG ±		MAT'L ALUMINUM	FMF LEESON STOCK
		RFP	FINISH			PREV
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		DIST	CAD FILE	16986400		SIZE B
						DRAWING NO. 169864-00
						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

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2'



ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

DRAWN MGM 12/3/02

CHK

APPD

SCALE 1=1

REF 00537703

FMF

PREV

TITLE EXTERNAL WIRING DIAGRAM  
3 PHASE - DUAL VOLTAGE - W/TERM BLOCK

MAT'L. IEC/NEMA MARKINGS

FINISH THERMAL TRANSFER

NO.	REVISION	BY & DATE	CHK	ANG
01	NEMA LV CONNECTION WAS INCORRECT	RLW 8/4/03		

CAD FILE	00546501	SIZE	DRAWING NO.	REV.
DIST		A	005465-01	01

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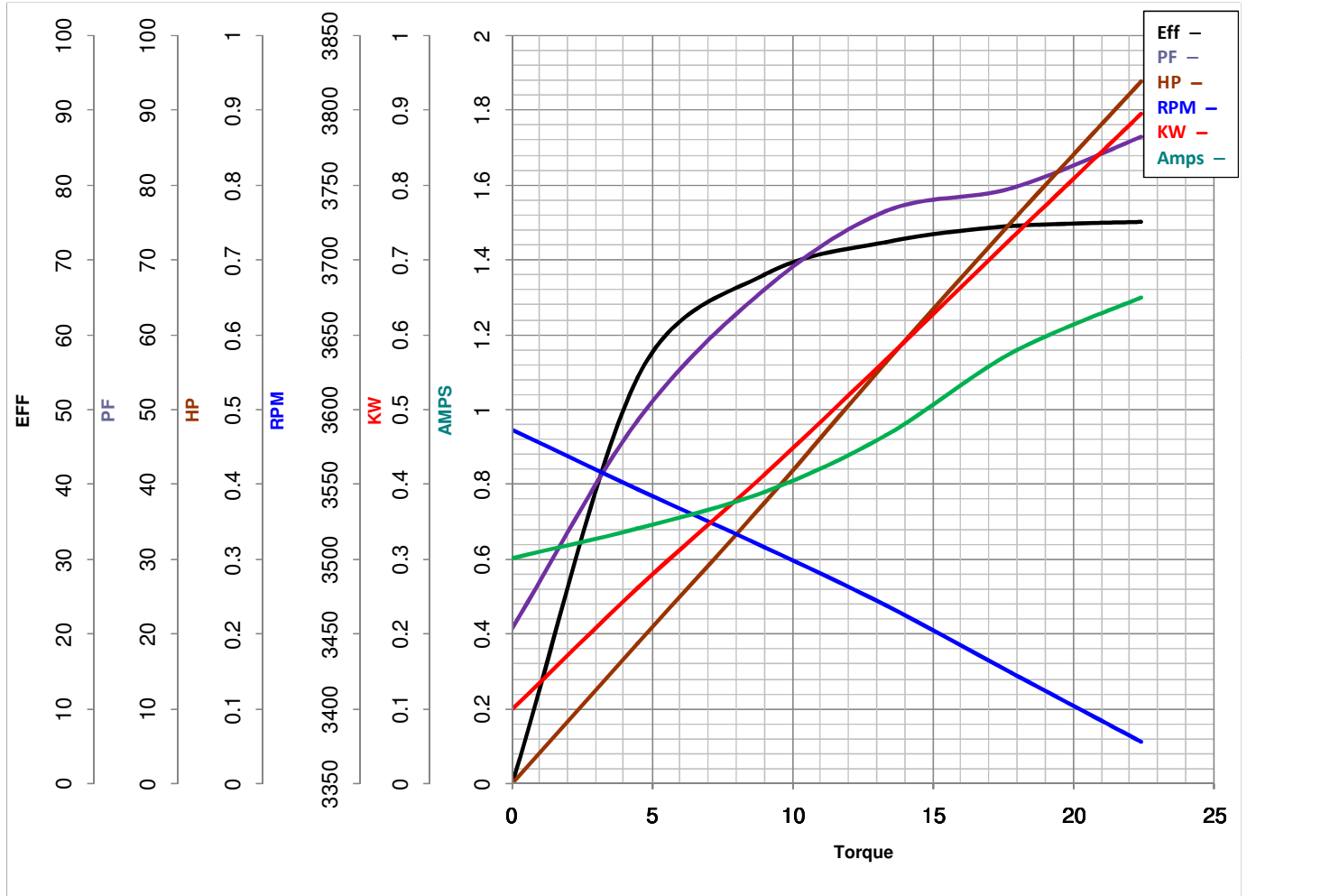
**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 192047.00

Catalog No 192047.00

Curve at 460 Volts      HP 0.75&0.75      PHASE 3  
60 HZ  
0.75 HP      VOLTS 230/460&200/400

HZ 60&50      RPM 3400&2780



<b>FL TORQUE</b>	<u>17.8</u>	<b>Oz.Ft</b>	<b>FL AMPS</b>	<u>2.4/1.2</u>	
<b>BD TORQUE</b>	<u>63.0</u>	<b>Oz.Ft</b>	<b>PU TORQUE</b>	<u>57.6</u>	<b>Oz.Ft</b>
<b>LR TORQUE</b>	<u>68</u>	<b>Oz.Ft</b>	<b>LR AMPS</b>	<u>6.8</u>	
<b>WINDING</b>	QT7122-3		<b>Date</b>	<u>5/23/2018</u>	