

PRODUCT INFORMATION PACKET



Model No: C90T34FZ13A

Catalog No: 192208.00

2HP-1.5KW..3470RPM.90S.IP55.230/460V.3PH.60HZ.CONT.40C.1.15SF.B3.....IEC METRIC.....
TEFC



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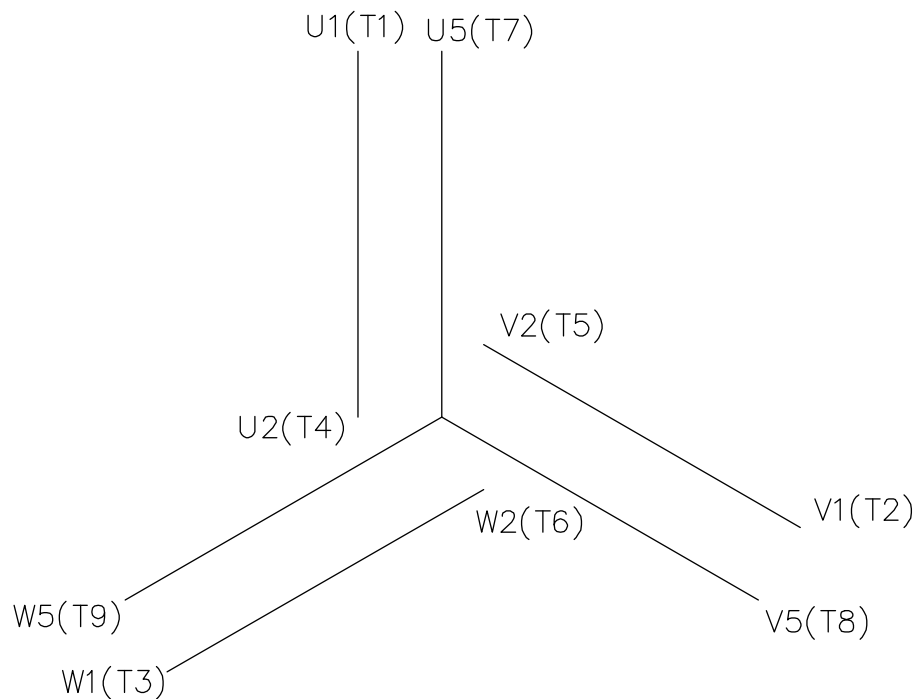
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	5.0/2.5 A	Speed	3520 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	90S
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6305
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

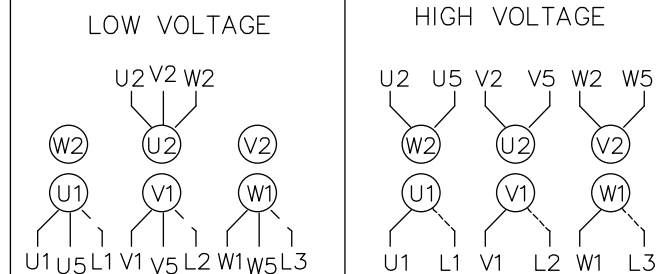
Electrical Type	Squirrel Cage Induction Run	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Mounting	B3	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Aluminum	Shaft Type	IEC
Overall Length	12.83 in	Frame Length	6.33 in
Shaft Diameter	1.000 in	Shaft Extension	1.96 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	16986200	Connection Diagram	005465.01

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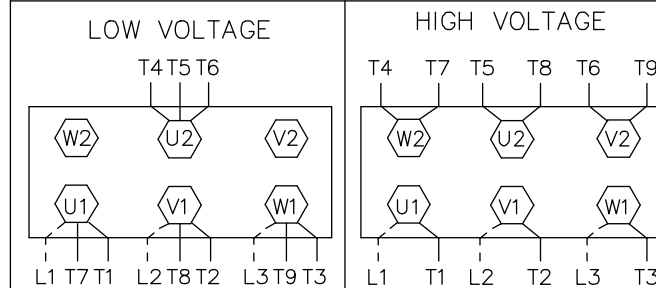
REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

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		

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RFP
DIST

CAD FILE 00546501

SIZE A
DRAWING NO. 005465-01
REV. 01



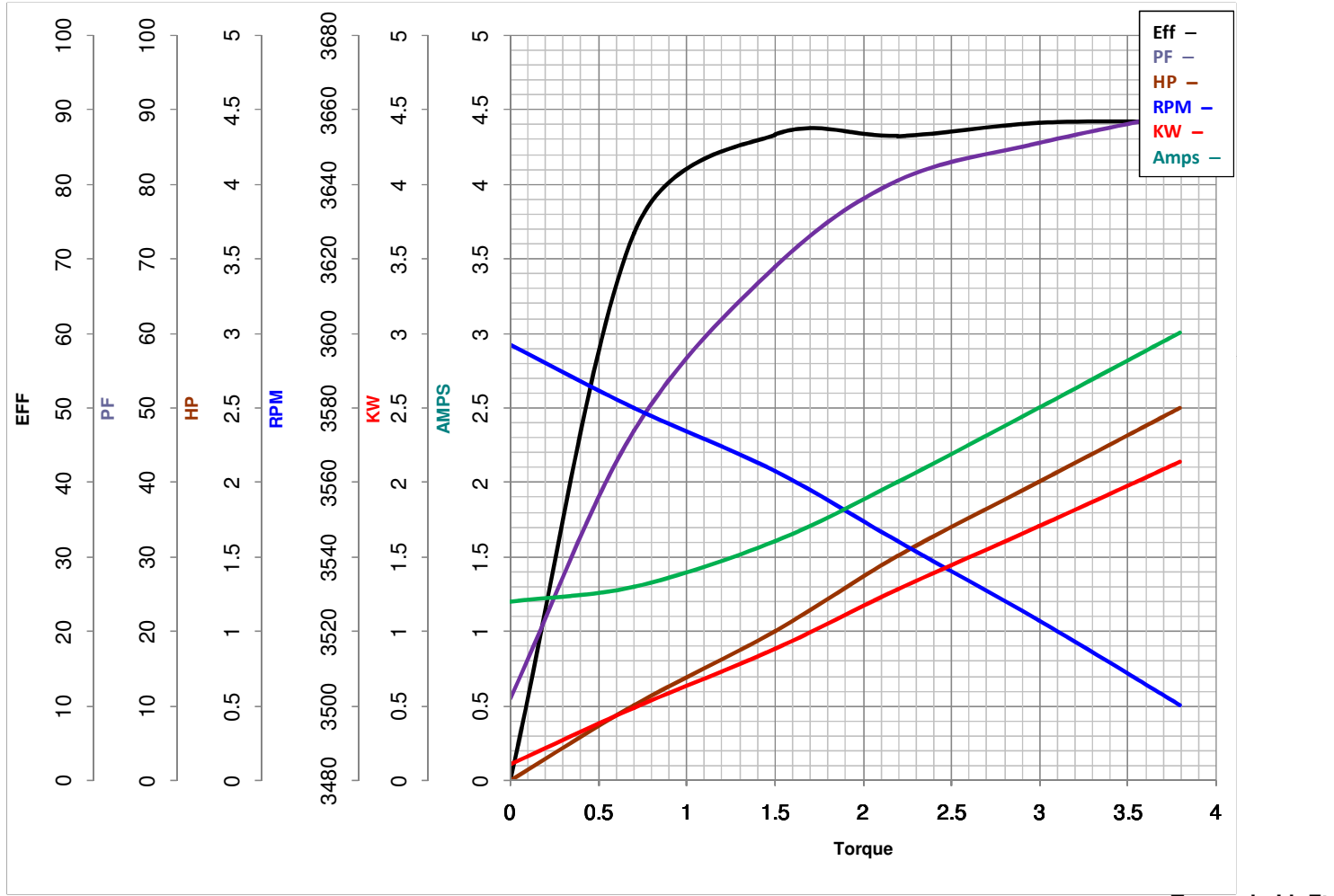
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 192208.00

Catalog No 192208.00

Curve at 460 Volts HP 2&2 PHASE 3
60 HZ
2 HP VOLTS 230/460&200/400

HZ 60&50 RPM 3520&2910



FL TORQUE	<u>3</u>	Lb.Ft	FL AMPS	<u>5.0/2.5</u>	
BD TORQUE	<u>13.3</u>	Lb.Ft	PU TORQUE	<u>7.8</u>	Lb.Ft
LR TORQUE	<u>9.16</u>	Lb.Ft	LR AMPS	<u>25</u>	
WINDING	QT9025-3		Date	<u>5/25/2018</u>	