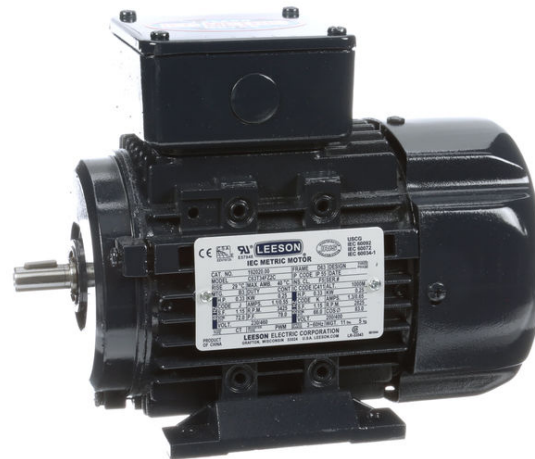


PRODUCT INFORMATION PACKET



Model No: 192020.00
Catalog No: 192020.00
0.33 HP General Purpose, 3 phase, 3600 RPM, 230/460 V, 63 Frame, TEFC
Aluminium TEFC Motors



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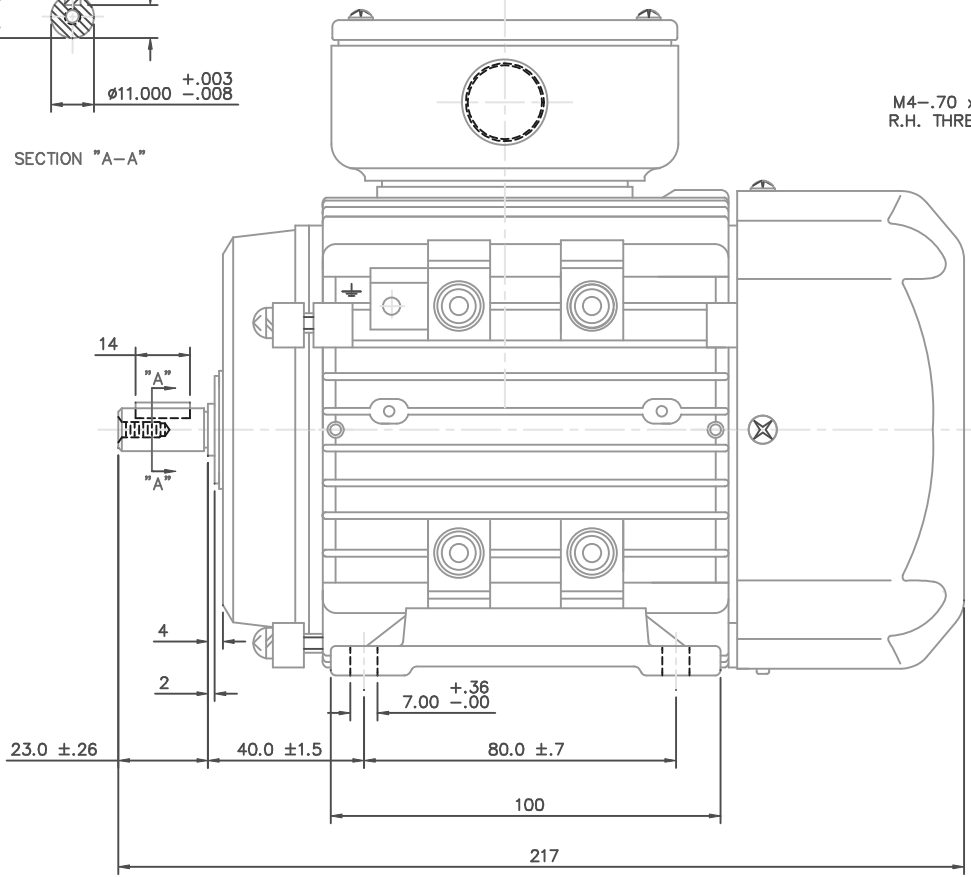
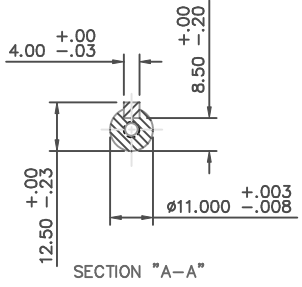
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.1/0.55 A	Speed	3430 rpm
Service Factor	1.15	Phase	3
Efficiency	72 %	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Frame	63	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6202	Opp Drive End Bearing Size	6202
UL	Recognized	CSA	Y
CE	Y	IP Code	55

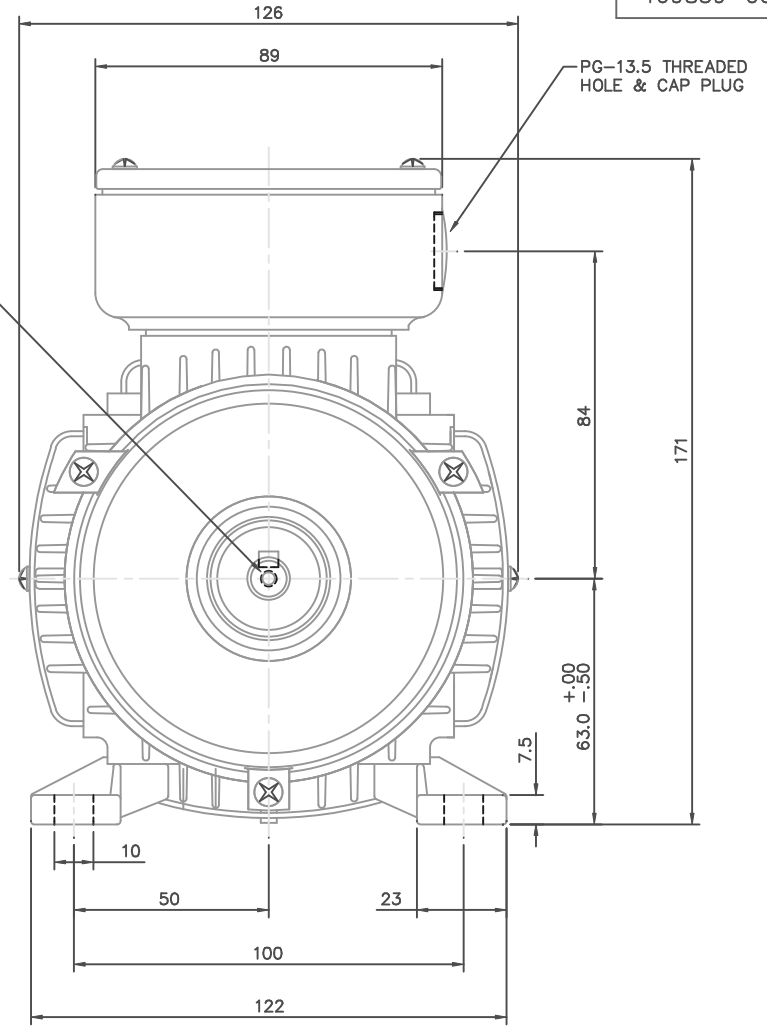
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	17.85 Ohms	Mounting	B3
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	IEC	Overall Length	8.54 in
Frame Length	4.44 in	Shaft Diameter	0.437 in
Shaft Extension	0.9 in	Assembly/Box Mounting	F3
Outline Drawing	16985900	Connection Drawing	005465.01

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M4-.70 x 10MM DEEP
R.H. THREADED SHAFT

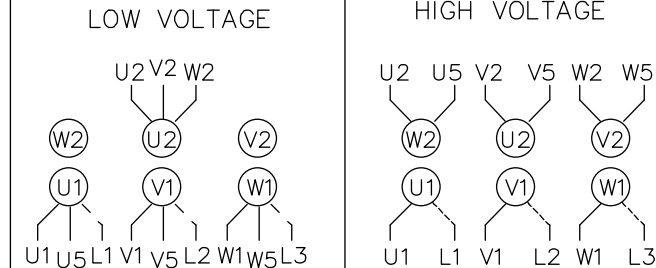


		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN			
		DEC.	METRIC			CHK			
		.X	±2.5			ADS 01/18/02			
		.XX	±.76			APPD			
		.XXX	±.127	TITLE	METRIC MOTOR OUTLINE, IMB3 IEC-63 FRAME RIGID MOUNT	SCALE 1=1.25			
		.XXXX	±.0127	MAT'L	ALUMINUM	REF OSVC-300-554			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	PREV		
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	16985900	SIZE	DRAWING NO.	REV.
			DIST				B	169859-00	



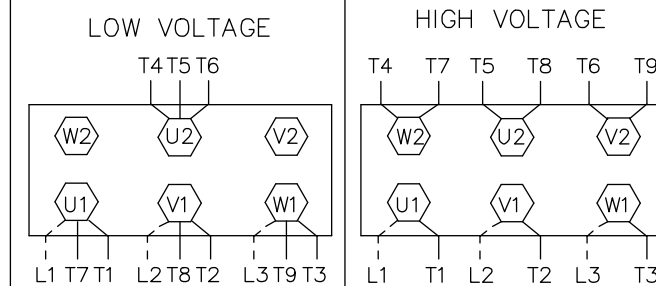
REF. DECAL (IEC) 080644
 REF. DECAL (NEMA) 080446

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



CERTIFICATION DATA SHEET

1051 CHEYENNE AVE.
 GRAFTON, WI 53024
 PH. 262-377-8810

CONN. DIAGRAM: 005465.01

CATALOG #: 192020.00

OUTLINE: 16985900

MOUNTING: F3

WINDING #: QT6322 FR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
.33&.33	0.25&0.25	3600	3430&2760	D63	TEFC	J	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&200/400	1.1/.55&1.3/.65	LINE OR INVERTER	CONTINUOUS	F3	1.15/1.15	40

FULL LOAD EFF:	72	3/4 LOAD EFF:	68.4	1/2 LOAD EFF:	62	GTD. EFF	0	ELEC. TYPE
FULL LOAD PF:	78	3/4 LOAD PF:	69.3	1/2 LOAD PF:	58.7	SQ CAGE INV	RATED	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
8.1 OZ-FT	6.5 / 3.3	23.2 OZ-FT	290 %	28 OZ-FT
				350 %
				29

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
- DBA	- DBA	0 LB-FT^2	- LB-FT^2	10 SEC.	-	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	B3	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS DE ODE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
BALL BALL	POLYREX EM	STANDARD IEC	NONE	NONE	1045 HOT ROLLED (C-204)	ALUMINIUM

THERMO-PROTECTORS				THERMISTORS			CONTROL		SPACE HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDS	BRG RTDS							
NONE	NOT	NONE	NONE	NONE	FALSE	NONE	NONE	NONE	NONE	VOLTS

*

INVERTER TORQUE: CONSTANT 20:1
 INV. HP SPEED RANGE: 1.5 X BASE SPEED

ENCODER:	NONE	NONE	NONE
	NONE	NONE	PPR

BRAKE:	NONE	NONE	NONE
	NONE	P/N NONE	NONE
	NONE	NONE	NONE
	FT-LB	NONE	V NONE
		NONE	Hz

S



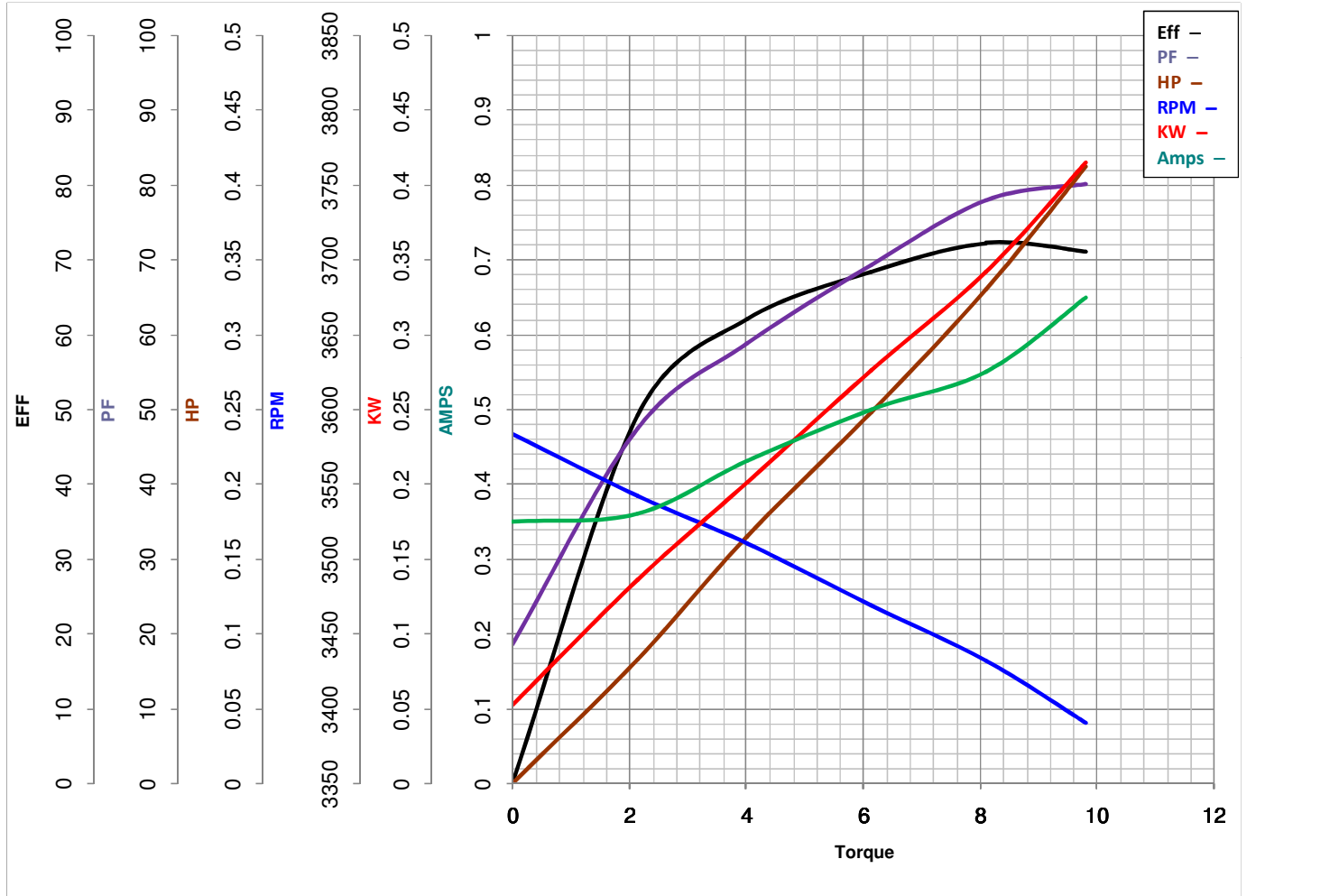
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 192020.00

Catalog No 192020.00

Curve at 460 Volts HP 0.33&0.33 PHASE 3
60 HZ
0.33 HP VOLTS 230/460&200/400

HZ 60&50 RPM 3430&2760



FL TORQUE	<u>8.1</u>	Oz.Ft	FL AMPS	<u>1.1/55</u>	
BD TORQUE	<u>28.0</u>	Oz.Ft	PU TORQUE	<u>21.0</u>	Oz.Ft
LR TORQUE	<u>23.2</u>	Oz.Ft	LR AMPS	<u>3.25</u>	
WINDING	QT6322-3		Date	5/25/2018	