

PRODUCT INFORMATION PACKET



Model No: 119228.00

Catalog No: 119228.00

General Purpose Farm Duty Motor, 1 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56CZ Frame, TEFC

Operational at 115/208-230 V @60HZ



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





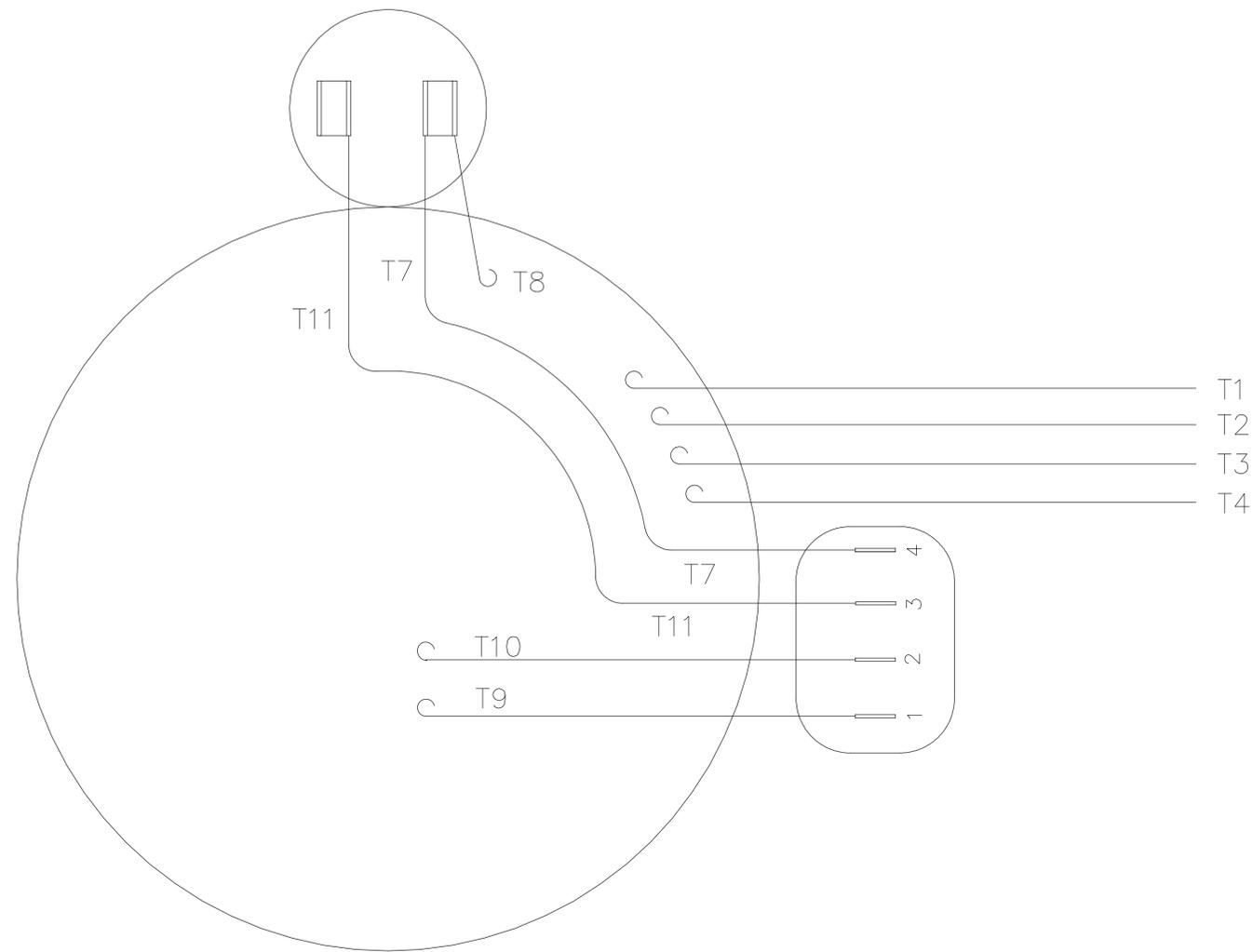
Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.15
Frame	56CZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	70 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	12.0/6.0 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	J
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

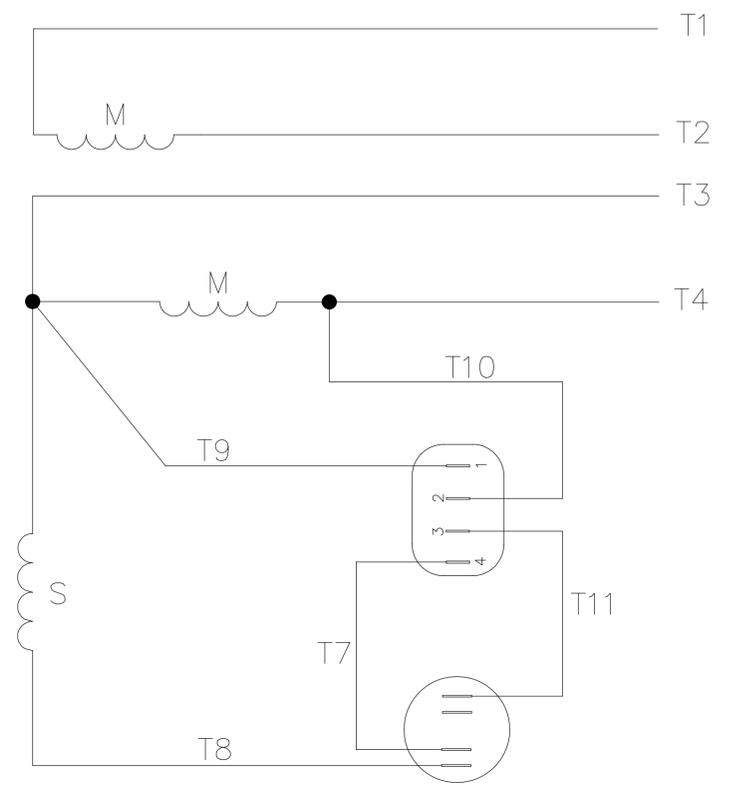
Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Fixed Clockwise
Resistance Main	1.92 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	12.41 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	2.19 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	OL119228	Connection Drawing	005278.28

VIEW FROM OUTSIDE OF MOTOR AT LEAD END



LINE LEADS



VOLTAGE	ROTATION FACING LEAD END	L1	L2	JOIN & INSULATE
HIGH	C.W.	T1	T4	T2,T3
LOW	C.W.	T1,T3	T2,T4	

ORACLE
PART
REV
00

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		TITLE	DRAWN VJB 07/12/17			
				DEC.	INCHES					
				.X	±.1	 ELECTRIC MOTORS GEARMOTORS AND DRIVES EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR MAT'L. DECAL - 081452	CHK			
				.XX	±.01		APPD			
				.XXX	±.005		SCALE 1=1			
				.XXXX	±.0005		REF 005278.07			
A	NEW DRAWING RELEASE	VJB 07/12/17					FMF 119228.00			
				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 00527828		SIZE A	DRAWING NO. 005278-28	PAGE OF	REV. A
				DIST						



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005278.28
OUTLINE: OL119228
WINDING #: C632211 FR 6 A

CATALOG #: 119228.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	0.75	3600	3450	56CZ	TEFC	J	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	12/6.2-6	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	70	3/4 LOAD EFF:	68.7	1/2 LOAD EFF:	63.5	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	76	3/4 LOAD PF:	69.4	1/2 LOAD PF:	58.3	64	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24 OZ-FT	68 / 34	80 OZ-FT 333 %	64 OZ-FT 267 %	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.05 LB-FT^2	0 LB-FT^2	10 SEC.	0	30 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	WHITE - LEESON (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	SGL SPL EXT	SPECIAL	NONE	303 STAINLESS (C-501)	ROLLED STEEL
6205	6203						

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

*
N
O
T
E
S
*

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz



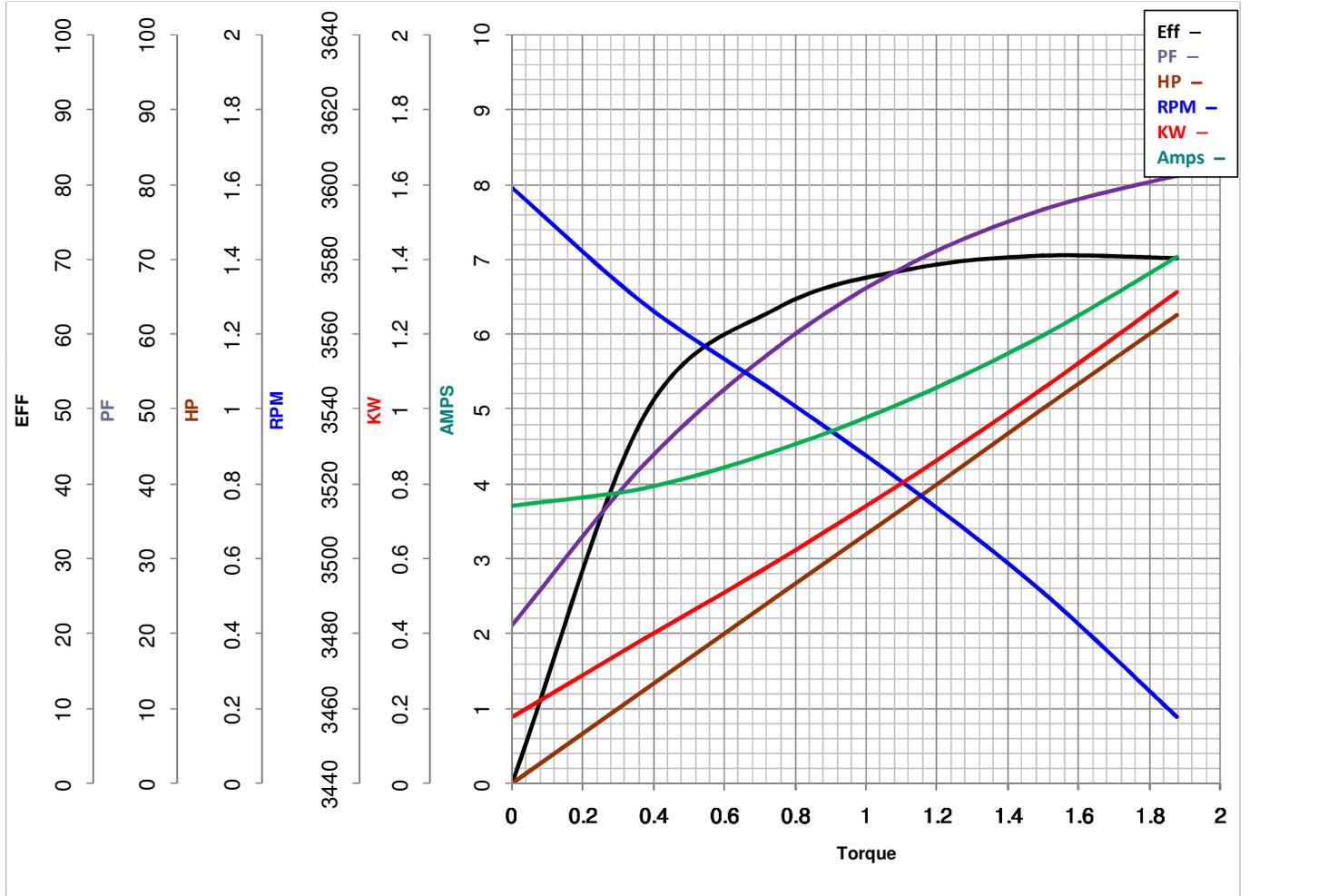
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 119228.00

Curve at 230 Volts HP 1.00 PHASE 1
60 HZ
1 HP VOLTS 115/208-230

Catalog No 119228.00

HZ 60 RPM 3450



Torque in Lb.Ft

FL TORQUE 1.5 Lb.Ft
 BD TORQUE 4.0 Lb.Ft
 LR TORQUE 5 Lb.Ft

FL AMPS 12/6.2-6
 PU TORQUE 3.8 Lb.Ft
 LR AMPS 34

WINDING C632211-3

Date 4/23/2018