

PRODUCT INFORMATION PACKET



Model No: 119555.00
Catalog No: 119555.00
1 HP Unit Handling Motor, 3 phase, 1800 RPM, 230/460 V, 56C Frame, TEFC
Unit Handling Motors



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Nameplate Specifications

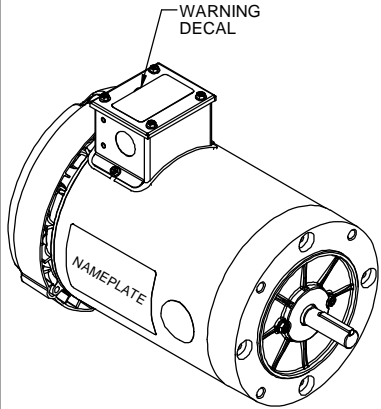
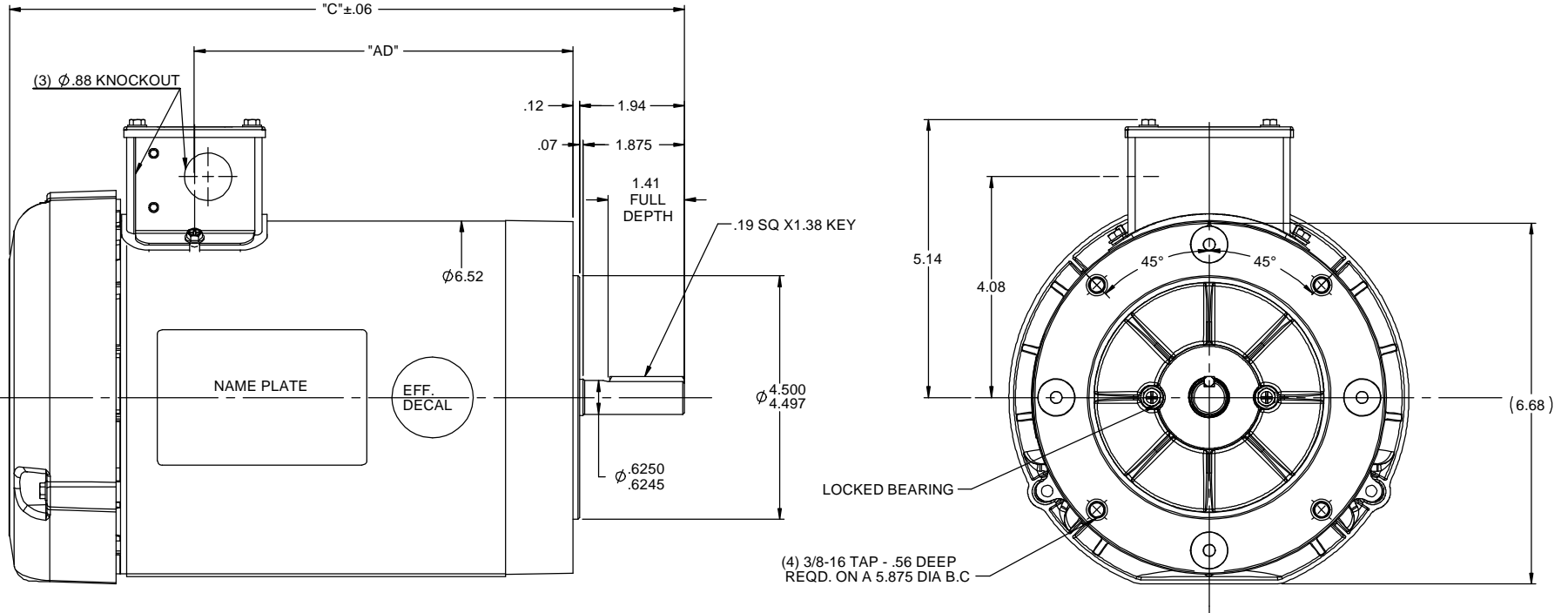
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.2/1.6 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	68.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	N
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	12.96 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	12.48 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in	Assembly/Box Mounting	F3
Outline Drawing	607-0032-700	Connection Drawing	005010.01

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MAXIMUM FACE RUNOUT TO BE .004 T.I.R
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R

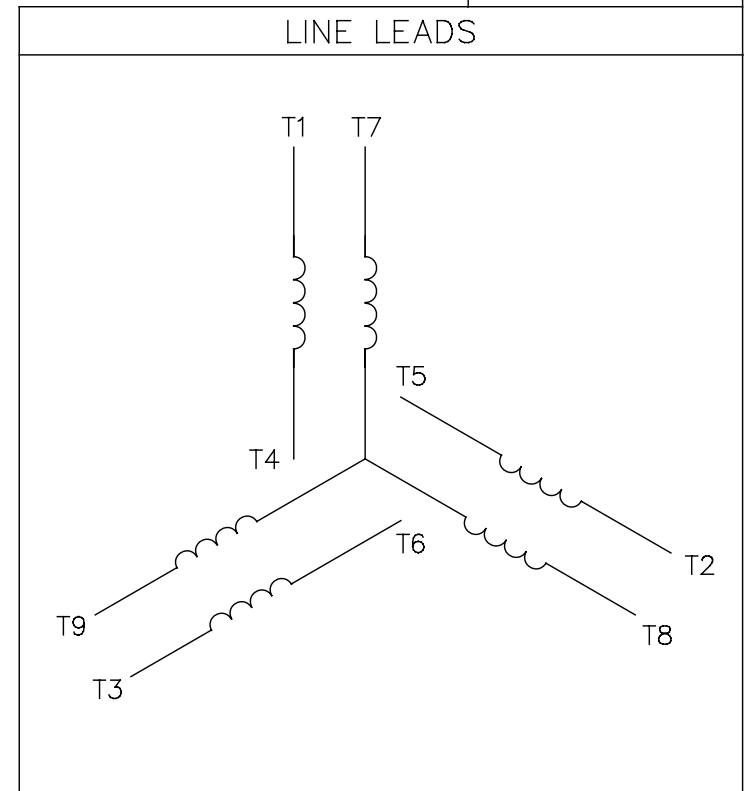
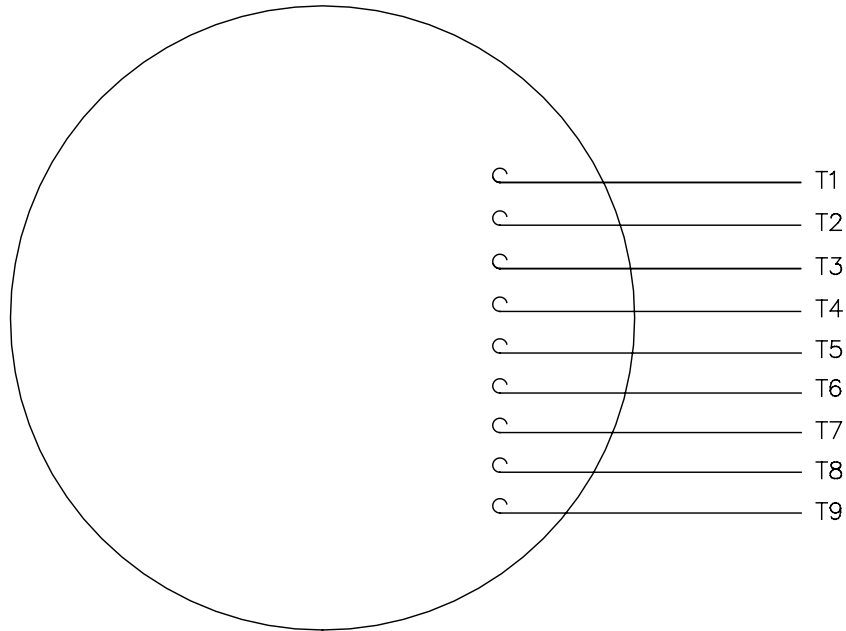
DASH NO.	"C"	"AD"
500	10.48	5.00
550	10.98	5.50
600	11.48	6.00
650	11.98	6.50
700	12.48	7.00
750	12.98	7.50
800	13.48	8.00

NOTE:
 1) GASKETS THROUGHOUT

TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	JD 11/17/2011
DEC	INCHES			CHK	VS 11/17/2011
X	±.1			APPR	
XX	±.03	TITLE	OUTLINE - 56C FRAME	SCALE	1:2
XXX	±.005		C-FACE T.E.F.C	REF	607-0029
XXXX	±.0005	MATL	GENERAL PURPOSE	FMF	117711.00
NO	REVISION	BY & DATE	CHK	ANG	±1/2°
	THIRD ANGLE PROJECTION		RFP	PREV	
			NETWORK FILE NAME	607-0032	
			SIZE	B	
			DRAWING NO	607-0032	
			REV		

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

TOLERANCES
UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.01

.XXX ±.005

.XXXX ±.0005

NO. REVISION BY & DATE CHK ANG ±1/2"



DRAWN RDW 04/12/02

CHK

APPD

SCALE 1=1

REF FIG.2-51

FMF

PREV

A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.	DECAL - 004014	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV

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RFP 04/12/02
DIST BRF-NLV

CAD FILE 00501001

SIZE	DRAWING NO.	REV.
A	005010-01	A



1051 CHEYENNE AVE.
 GRAFTON, WI 53024
 PH. 262-277-8810

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM:005010.01
 OUTLINE: 607-00332-700
 WINDING: T634342

CAT #: 119555.00

FR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
1	0.75	1800	1760	56C	TEFC	TFR	N	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	230/460	3.1/1.55	ACROSS THE LINE	CONT	F	1.15	40	3300

F.L. EFF	F.L. PF	3/4 LD EFF	3/4 LD PF	1/2 LD EFF	1/2 LD PF	GTD EFF	ELECT. TYPE
85.5	68.5	85.4	61.5	79.6	51.5	0.0	SQ CAGE IND RUN

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
3.0 LB-FT	14.0	12.0 LB-FT	15.8 LB-FT	38

PRESSURE @ 3	SOUND	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
65 dbA	74 dbA	14.0	0.12 LB-FT ²	0 LB-FT ²	10 SEC.	0	0 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	NO	NONE	NO	NONE	WATTS/SAVER

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE ODE BALL 6203	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT ODE
0	0	0	0	0	0.150	

* N O T E S *		INVERTER TORQUE: NONE
		INV. HP SPEED RANGE: NONE
		ENCODER: NONE
		BRAKE: NONE
		FT-LB: N/A
		VOLTAGE: NONE
		UL: Y-(LEESON UL REC)

DATE: 8/21/2018	UL: Y-(LEESON UL REC)
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Data Sheet

Date: 8/21/2018

119555.00



Data @ 460 V

Motor Load Data

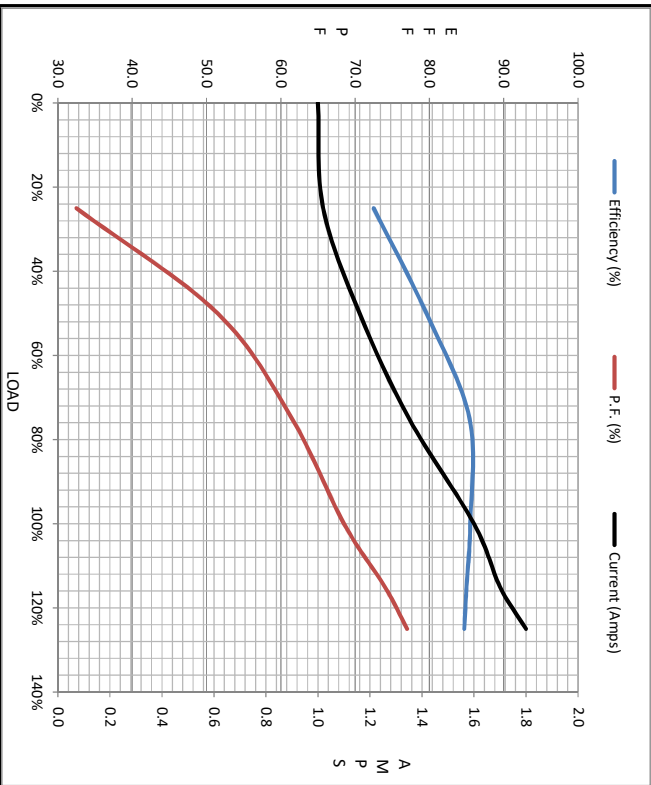
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.00	1.02	1.16	1.35	1.60	1.70	1.80	14.0
Torque (ft-lb)	0.00	0.75	1.50	2.25	3.0	3.5	3.8	12.0
RPM	1800	1789	1779	1769	1760	1750	1745	0
P.F. (%)	8.0	32.5	51.5	61.5	68.5	74.0	77.0	41.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1170	1760	1800
Current (Amps)	14.0	13.0	9.9	1.60	1.00
Torque (ft-lb)	12.0	11.9	15.8	3.0	0.00

Information Block

HP	1.0			
Sync. RPM	1800			
Frame	140			
Enclosure	TEFC			
Construction	TFR			
Voltage	230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	N			
Service Factor	1.15			
Temp Rise @ FL	38 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.12 Lb-Ft ²			
Ref Wdg	T634342 FR			
Sound Pressure @ 1M	65 dBA			
VFD Rating	NONE			
Outline Dwg	607-0032-700			
Conn. Diag	005010.01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

