

PRODUCT INFORMATION PACKET



Model No: 101119.00
Catalog No: 101119.00
Auger Drive Motor, 0.75 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 48Y Frame, TEFC

Operational at 115/208-230 V @60HZ



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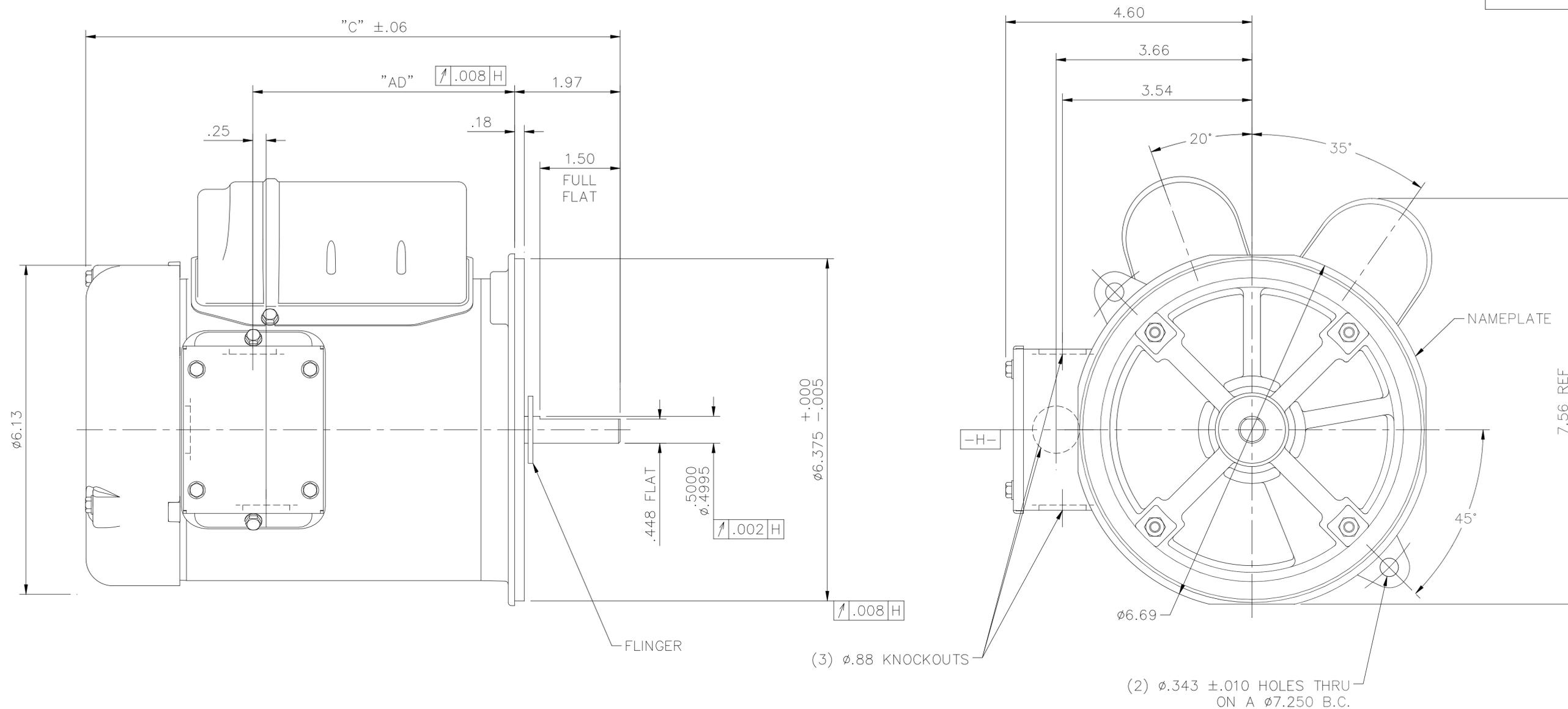


Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.0
Frame	48Y	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	70 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	10.8/5.4 A	Power Factor	64
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized (Not Protector)	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	4	Rotation	Selective Counterclockwise
Resistance Main	2.82 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	11.47 in
Frame Length	7.00 in	Shaft Diameter	0.500 in
Shaft Extension	1.5 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005258.04	Outline Drawing	031648-700

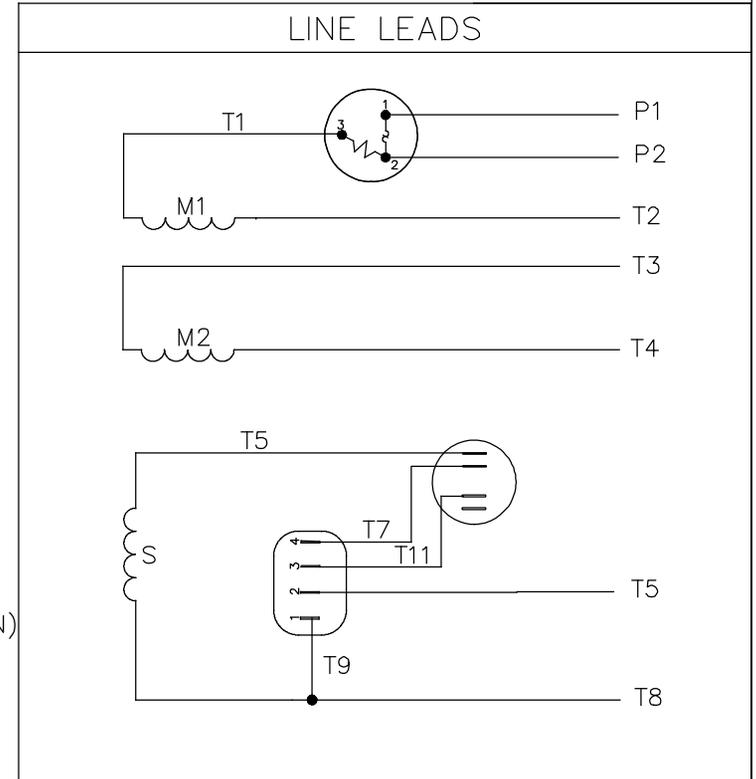
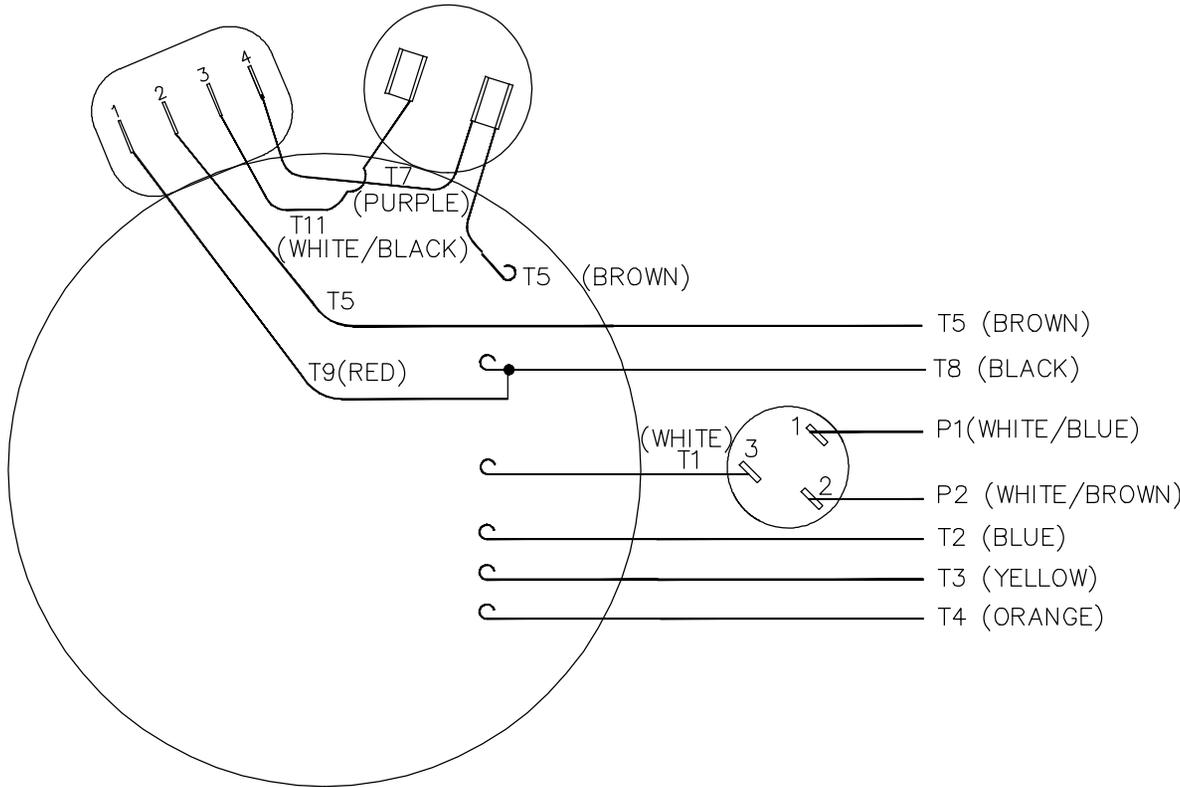


DASH NO.	"C"	"AD"
550	9.97	4.89
575	10.22	5.14
600	10.47	5.39
625	10.72	5.64
650	10.97	5.89
675	11.22	6.14
700	11.47	6.39
725	11.72	6.64
750	11.97	6.89

GASKETS THROUGHOUT

07	BIG CAPACITOR LOCATION WAS AT 40°	PST 06/18/15	SM	TOLERANCES UNLESS SPECIFIED	Regal Beloit America, Inc.	DRAWN PG 9/13/01
06	ADDED TOLERANCE TO .343 CORED HOLES	KMM 5/7/03		DEC. INCHES		CHK
05	ROTATED CAPACITORS 5° FOR CON. BOX CLEARANCE	KMM 2/6/03		.X ±.1	APPD	
04	REVISED CALLOUT FOR GD&T	KMM 6/6/02		.XX ±.03	TITLE	SCALE 1=2
03	REVERSED CAPACITOR LOCATIONS	PG 10/31/01		.XXX ±.005	OUTLINE - 48Y FRAME OIL BURNER FLANGE MOUNT - TEFC	
K	ADDED LARGE CAP. CASE FOR NEW SWITCH	EL 3/31/2017		.XXXX ±.0005	MAT'L.	REF 030720
NO.	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	FMF 101120
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 031648	PREV
				DIST	SIZE B	DRAWING NO. 031648
						REV. K

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2, T3 T8	P2
	C.W.	P1	T4 T8	T2, T3 T5	P2
LOW VOLT	C.C.W.	P1	T2, T4 T5	P2, T3 T8	----
	C.W.	P1	T2, T4 T8	P2, T3 T5	----

				TOLERANCES UNLESS OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION				
				DEC.	INCHES	METRIC					
				.X	±.1	±2.5	DRAWN	PG 10/16/01	TITLE		
				.XX	±.01	±.25	APPR.		EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR		
1	ADDED COLORS PER ECO-0162098	KB 02/19/19	RAD	.XXX	±.005	±.127	R.F.P.		MAT'L.		
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE	1=1	DECAL - 004011 SOLID STATE SWITCH		
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				FRACTIONS	±1/64		REF.	PAGE 1	FINISH	REV.	DRAWING NO.
				ANGLES	±1/2'		FMF	101120	STANDARD	1	005258-04



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005258.04

CATALOG #: 101119.00

OUTLINE: 031648-700

MOUNTING: F1 ONLY

WINDING #: CE484207 FR 3 B

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1800	1725	48Y	TEFC	k	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	10.8/5.3-5.4	ACROSS THE LINE	CONTINUOUS	F3	1.0	40

FULL LOAD EFF:	70	3/4 LOAD EFF:	67.9	1/2 LOAD EFF:	61.3	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	64	3/4 LOAD PF:	56.4	1/2 LOAD PF:	45.4	66		CAP START IND RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36.5 OZ-FT	54 / 27	114 OZ-FT 317 %	84 OZ-FT 233 %	90

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.06 LB-FT^2	0 LB-FT^2	0 SEC.	0	27 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
OIL BURNER	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	RED - LEESON (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	MULTEMP SRL	SGL SPL EXT	0.500 x 1.75 WITH 1.56 FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	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

