

PRODUCT INFORMATION PACKET



Model No: 117880.00
Catalog No: 117880.00
Agricultural Motor, 0.75 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC

Operational at 115/208-230 V @60HZ



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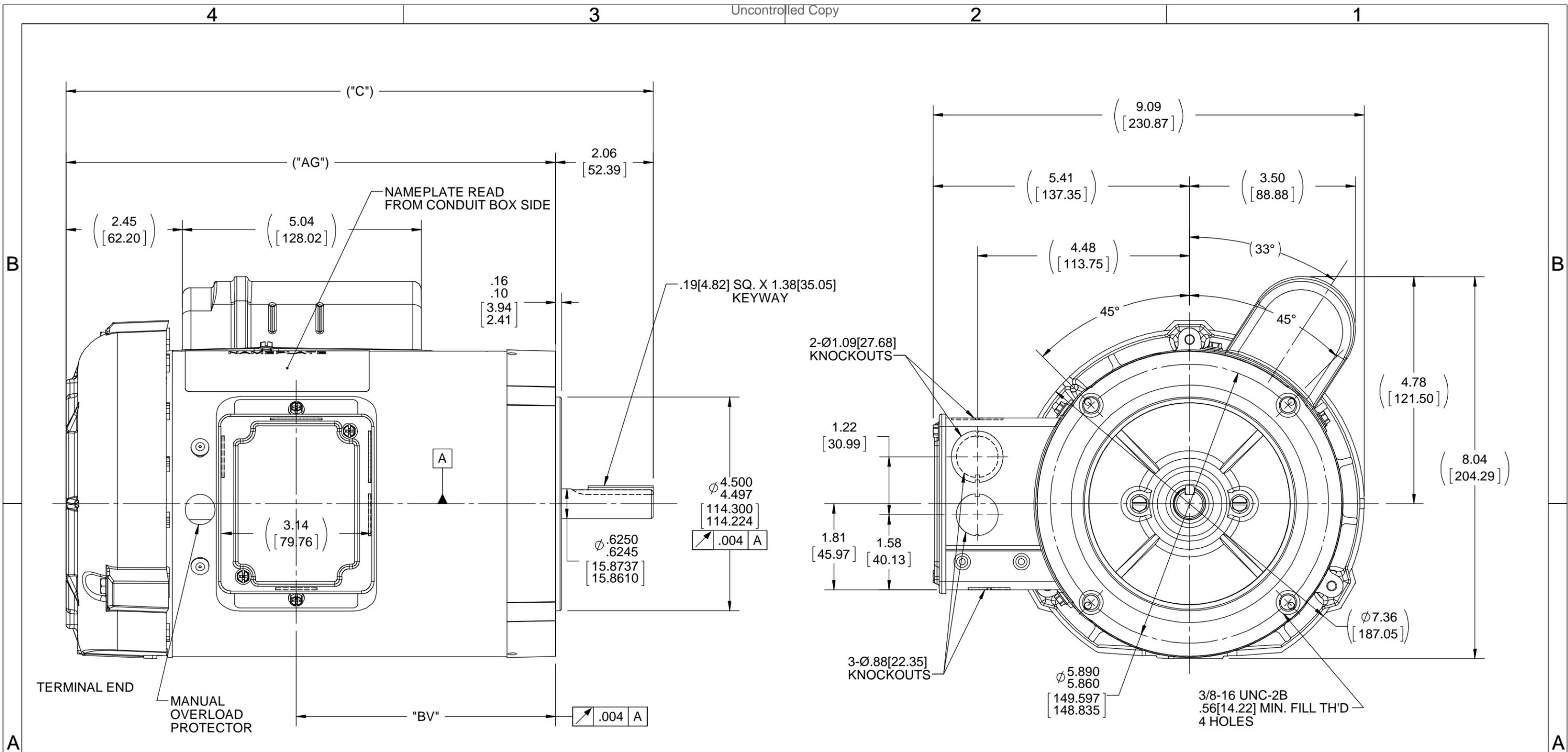


Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	70.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	11.0/5.5 A	Power Factor	71
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	L
Drive End Bearing Size	6203	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	4	Rotation	Selective Counterclockwise
Resistance Main	0 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	12.32 in
Frame Length	7.06 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-102005-52-LE	Outline Drawing	A-108670-706



- NOTES:**
 1. CONDUIT BOX CAN BE ROTATED IN 180° STEPS.
 2. DRAIN HOLE AT 12 O'CLOCK IN C-FACE TO BE PLUGGED.
 3. DRAIN HOLES AT 6 O'CLOCK BOTH ENDS ARE NOT TO BE PLUGGED.

DASH NO.	"C"	"AG"	"BV"
706	12.39[314.96]	10.31[261.87]	5.47[138.93]

DRAWING REVISION A	REVISION BY	DATE
ECO ECO-0154532	APPROVED BY	DATE
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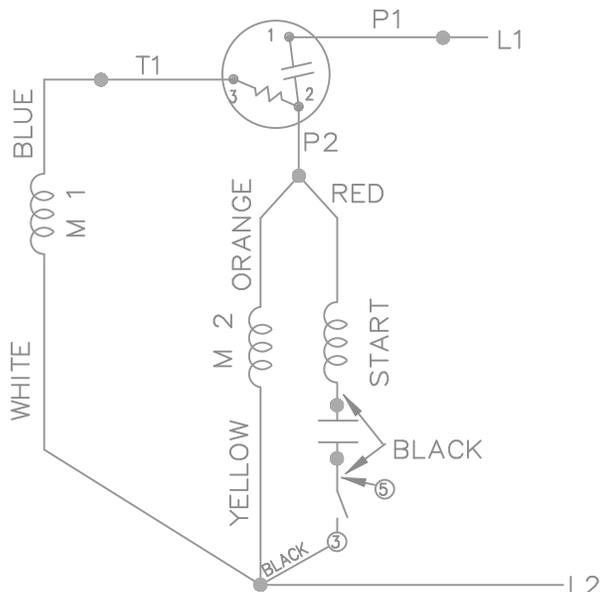
TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

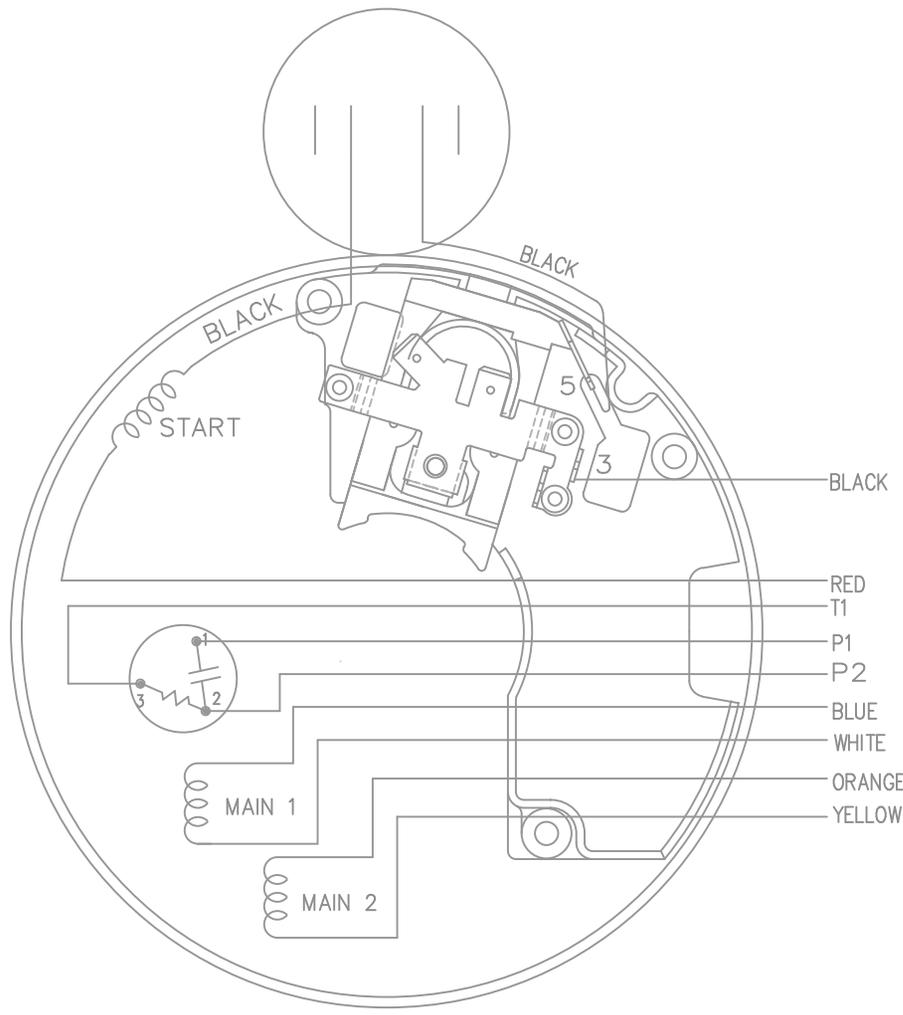
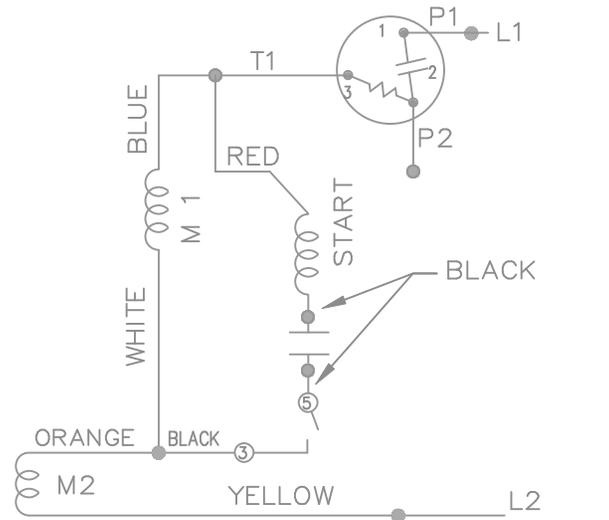
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
 CORNER FILLETS: R.02 [.51]
 MACHINED SURFACES: 200 INCH/mm 5.1
 mm SHOWN IN [BRACKETS]

DRAWN BY M. CHATLAPALLI	Regal Beloit America, Inc.
DATE 10/11/2018	
APPROVED BY JD	DESCRIPTION OUTLINE 56 FRAME-BB-TEFC-C'FACE 1Ø
DATE 10/11/2018	MATERIAL
REFERENCE 100866LE	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B
	DRAWING NUMBER 108670
	SHEET 1 OF 1

LOW VOLTAGE - CCW

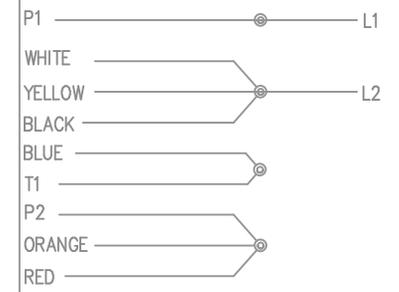


HIGH VOLTAGE - CCW

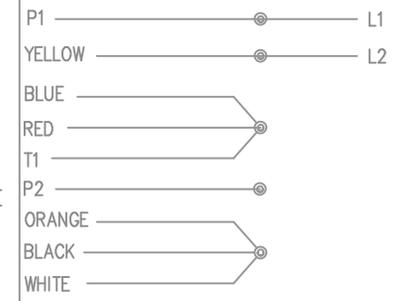


DUAL VOLTAGE
CAPACITOR START
OVERLOAD
SELECT ROTATION

LOW VOLT. CCW ROT.



HIGH VOLT. CCW ROT.



FOR CW ROTATION
EITHER VOLTAGE
INTERCHANGE RED
WITH BLACK

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN NJS 09-03-2002			
				DEC.	INCHES		CHK ML 09-04-2002			
				.X	±.1		APPD GK 09-09-2002			
				.XX	±.02		SCALE 5=8			
				.XXX	±.005		REF			
1	NEW DRAWING	MU43222	NJS 09-09-2002	ML	.XXXX ±.0005	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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 102005-52-LE		SIZE	DRAWING NO.	PAGE OF	REV.
				DIST	WP			A	102005-52-LE	1



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

CERTIFICATION DATA SHEET

CATALOG #: 117880.00

CONN. DIAGRAM: A-102005-52-LE

OUTLINE: A-108670-706

MOUNTING: F1/F2 CAPABLE

WINDING #: ZC469 3

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1800	1725	56C	TEFC	L	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	11/5.4-5.5	ACROSS THE LINE	CONTINUOUS	B3	1.15	40

FULL LOAD EFF:	70.5	3/4 LOAD EFF:	69.4	1/2 LOAD EFF:	63.2	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	71	3/4 LOAD PF:	56.9	1/2 LOAD PF:	46.1	66		CAP START IND RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36 OZ-FT	62 / 31	120 OZ-FT 0 %	93 OZ-FT 0 %	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 LB-FT^2	0 LB-FT^2	0 SEC.	0	29 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	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

