

PRODUCT INFORMATION PACKET



Model No: C630ES
Catalog No: C630ES
1/2 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56 Frame, ODP
Single Phase ODP Motors



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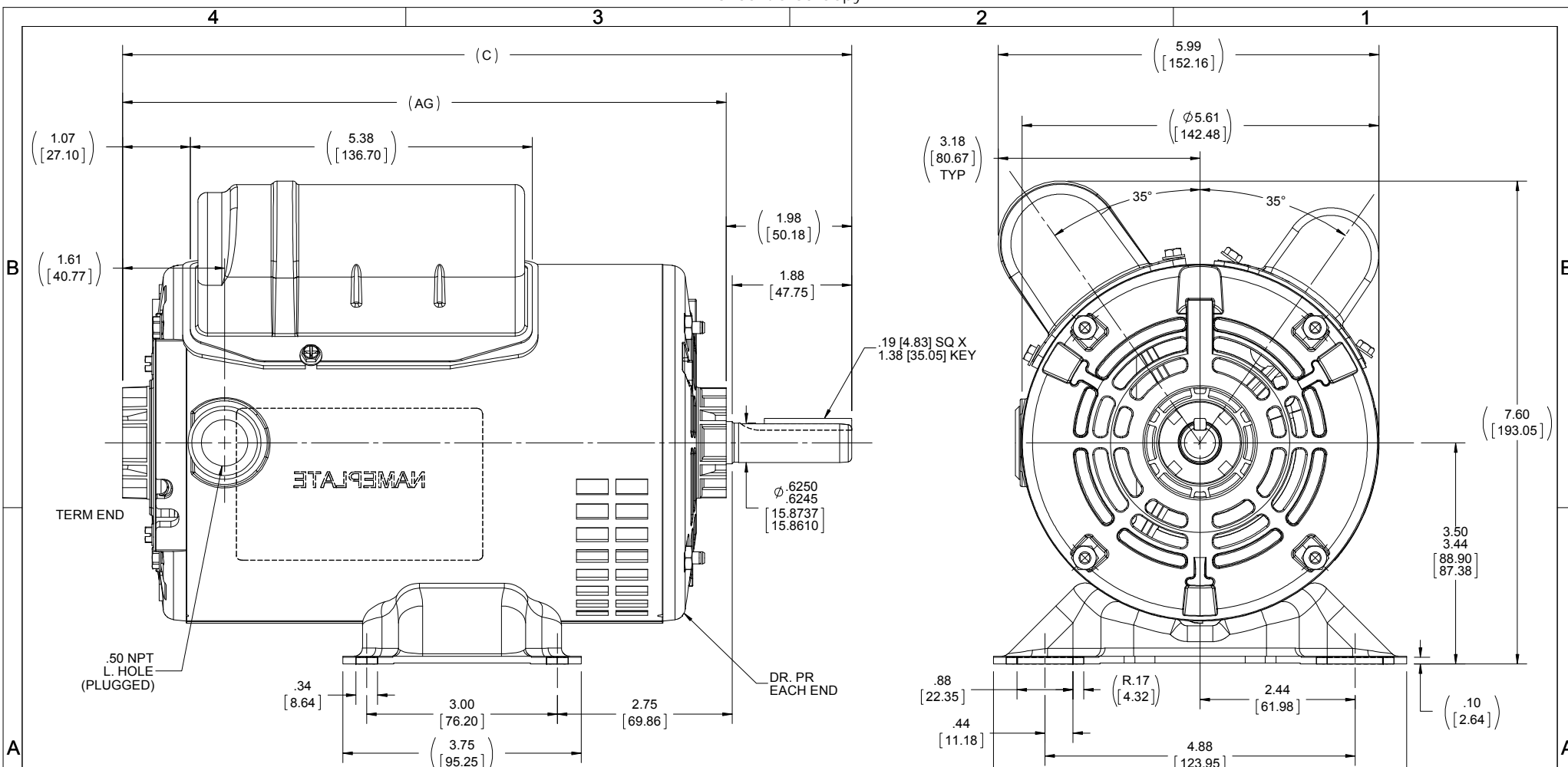
Nameplate Specifications

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	4.6/2.3 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y		

Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.47 in
Frame Length	7.63 in	Shaft Diameter	0.625 in
Shaft Extension	1.97 in		

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DASH	C	AG
625	10.22 [259.59]	8.25 [209.55]
650	10.47 [265.94]	8.50 [215.90]
675	10.72 [272.29]	8.75 [222.25]
725	11.22 [284.98]	9.25 [234.95]
750	11.47 [291.34]	9.50 [241.30]
775	11.72 [297.69]	9.75 [247.65]
800	11.97 [304.04]	10.00 [254.00]

DRAWING REVISION	REVISION BY	REV DATE/DATE
D	S.MUDDA	12/11/2018
ECO-0165533	D.SURYAWANSHI	04/15/2019

ECO DESCRIPTION
OUTLINE CONVERSION PROJECT
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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
-X	+0.1	[±3]	±7° 30'
.XX	+0.03	[±0.8]	
.XXX	+0.005	[±0.13]	
.XXXX	+0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.08/3.8] X 45°
 CORNER FILLETS: R.02 [5]
 MACHINED SURFACES: 200 INCH/mm 5.1
 mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	DATE
JAH	11/21/2014

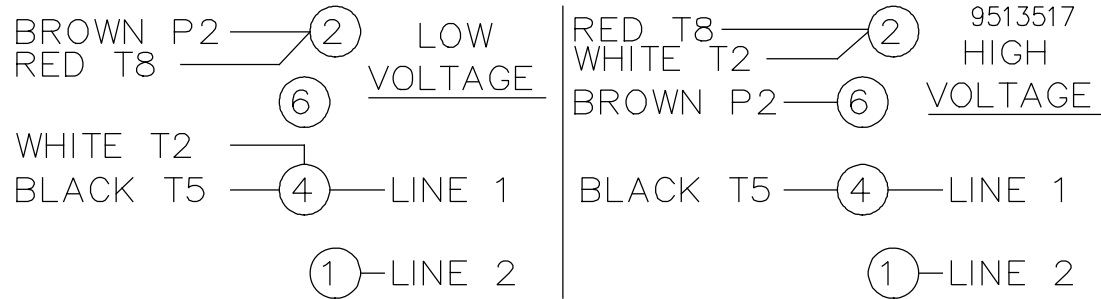
APPROVED BY

DATE


REFERENCE
 SS404113/SS75609

THIRD ANGLE PROJECTION

REGAL Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 56 FRAME	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS404114
SHEET 1 OF 1	



ROTATION CCW-OPE TO REVERSE EITHER VOLTAGE
 INTERCHANGE BLACK(T5) WITH RED(T8) LEADS

				TOLERANCES UNLESS SPECIFIED			DRAWN TOM 06-21-1988		
				DEC.	INCHES		CHK	GK 06-21-1988	
				.X	±.1		APPD	FG 06-21-1988	
3	ADDED T MARKINGS	DS 07/19/2018	VC	.XX	±.02	TITLE CONNECTION DIAGRAM	SCALE 1=1		
2	REDRAWN IN AUTOCAD	TAT 10-22-2004	ML	.XXX	±.005		REF		
1	NEW DRAWING	TOM 06-24-1988		.XXXX	±.0005		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV		
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