

# PRODUCT INFORMATION PACKET



Model No: 254TTFL14037

Catalog No: C227A

General Purpose Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,  
254TC Frame, TEFC

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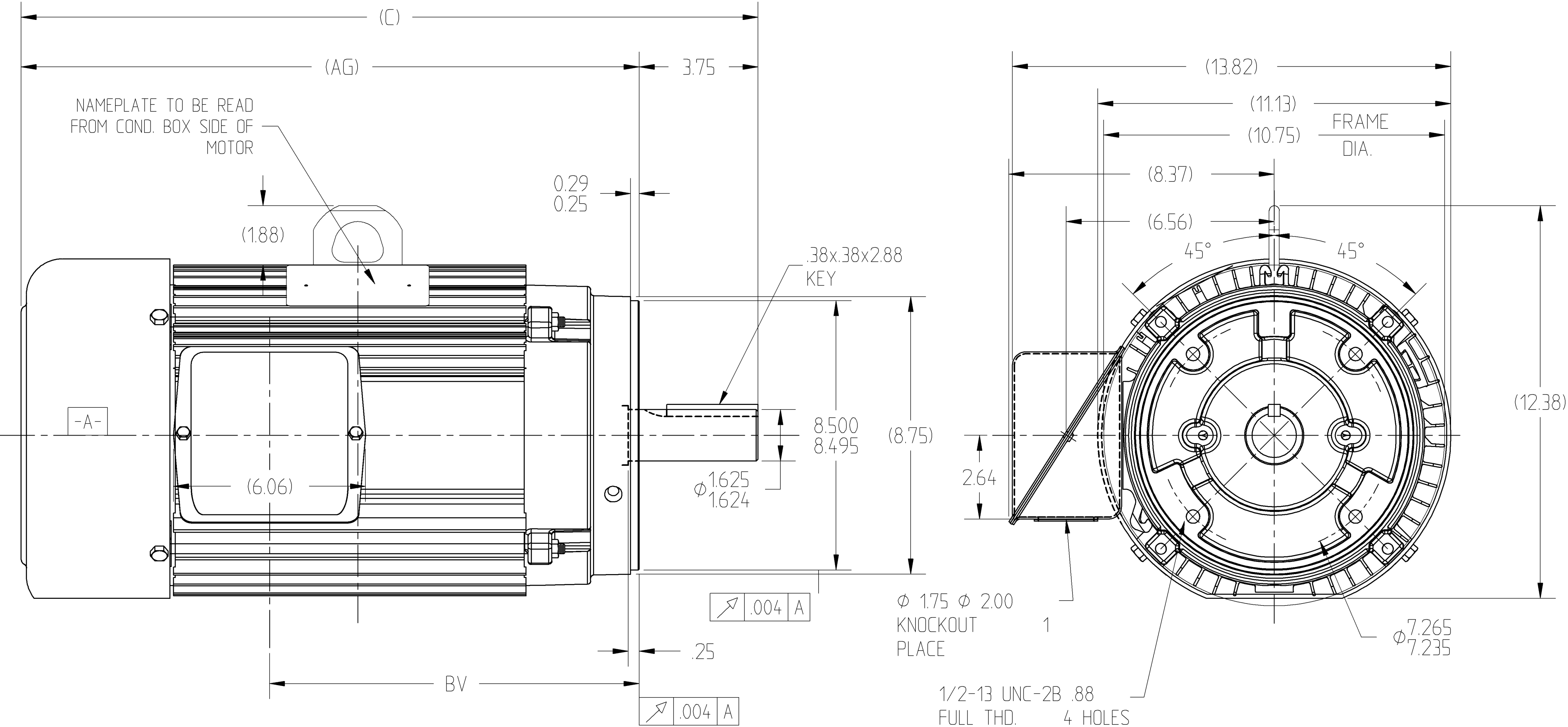


### Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	1750 & 1465 rpm	Service Factor	1.15 & 1.0
Frame	254TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	40/20 & 33/16.5 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6207
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		


### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.757 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	23.24 in
Frame Length	11.00 in	Shaft Diameter	1.625 in
Shaft Extension	3.75 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7308	Outline Drawing	B-SS321132-1100



NOTES:  
BOX CAN BE ROTATED IN 90° STEPS.

DASH	FR.	C	AG	BV		
1100	250	23.24	19.49	11.65		

				TOLERANCES UNLESS SPECIFIED			DRAWN CD 08-15-2005		
				DEC.	INCHES		CHK ML 08-26-2005		
				X	± .1		APPD ON 08-26-2005		
				XX	± .02		SCALE 5=16		
				XXX	± .005		REF SS84322		
				XXXX	± .0005	TITLE OUTLINE 250 FR. ALUM 'C' FACE - TEFC	FMF		
				ANG	± 7'30"		PREV SS84322		
				NO.	REVISION		FINISH		
				BY & DATE	CHK	CAD FILE SS321132	SIZE B	DRAWING NO. SS321132	PAGE 1 OF 1
				RFP	DIST LB				REV.
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				TOLERANCES UNLESS SPECIFIED		 <b>Regal</b> Beloit America, Inc.	DRAWN RM	11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK ML	11/21/1990
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD SAS	04/24/2003
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE	1=1
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		REF
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L.		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7"30"	FINISH		PREV
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			DIST WP		A	EE7308	5	

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