

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 284TTFPA18035
Catalog No: M897
25,1800,TEFC,284HPV,3/60/230/460
Other Purpose



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E

REGAL



Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	65.5/33 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	F	Frame	284HPV
Enclosure	TEFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	NONE
Opp Drive End Bearing Size	NONE	UL	Recognized
CSA	Y	CE	Y
IP Code	43		


Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	ROUND	Motor Orientation	SHAFT DOWN
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	CAST IRON	Shaft Type	HP
Overall Length	27.38 in	Shaft Diameter	1.88 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311024-1425	Connection Diagram	A-EE7308

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 06/11/2018

1. BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	AG	C	BV
1275	284/6HP	26.13	28.88	11.00
1425	284/6HP	27.63	27.38	12.50

						TOLERANCES UNLESS SPECIFIED		DRAWN CAV 04-17-2000				
						DEC. INCHES		CHK ML 05-03-2000				
3	CHANGED TOLERANCE FROM .007 TO .004	CN 31741	BJK 07-16-2002	DRS	.XX	±.03	TITLE OUTLINE - TEFC 280HP FR. - BB - P'BASE - 11.00 LAM	SCALE 1=4				
2	CORRECTED C'BOX HOLOE NOTE	CN 29200-1454	HLB 02-06-2001		.XXX	±.005		REF				
1	NEW DRAWING	MU23B10	CAV 05-03-2000		.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 ELECTRONICALLY GENERATED DOCUMENT - NO NEED FOR SIGNATURE				RFP			CAD FILE ss311024	SIZE B	DRAWING NO. SS311024	PAGE 3	OF 3	REV.



				TOLERANCES UNLESS SPECIFIED		 Regal 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		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 ee7308		SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST WP				A	EE7308			5

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