

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 182TTFR7634

Catalog No: C223

Other Purpose Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
182TC Frame, TEFC



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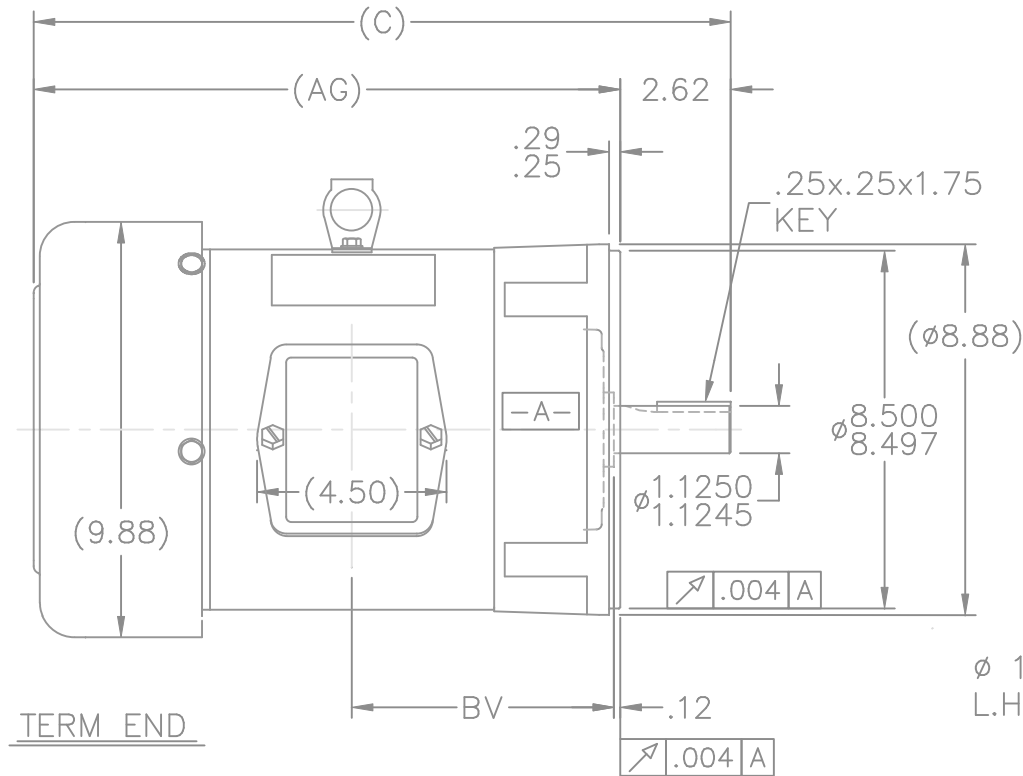
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1725 & 1430 rpm	Service Factor	1.15 & 1.0
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	82.5 & 81.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	9-8/4 & 6.6/3.3 A	Power Factor	84.1
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
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	5.9 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	15.69 in
Frame Length	5.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS65918-575	Connection Drawing	A-EE7308



NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS.
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE READ FROM CONDUIT BOX SIDE.

DASH	FR.	C	AG	BV
575	182T	15.69	13.07	5.75
675	182/4T	16.69	14.07	6.25
775	182/4T	17.69	15.07	6.75
825	182/4T	16.19	13.57	6.00

9	ADDED: DASH VALUE 625	KVN 7/10/2008	AK	TOLERANCES UNLESS SPECIFIED	
8	UPDATED DRAWING	RJW 04-20-2007		DEC.	INCHES
7	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML	.X	±.1
6	ADDED FORMED LIFT LUG CN 34025	HLB 06-29-2001		.XX	±.03
5	REMOVED EYEBOLT CN 27400-444	DRS 10-07-1999		.XXX	±.005
4	-675 WAS FR. 184T AND REM'D MTG. CN 27400-320	CAE 01-07-1999		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"



TITLE	OUTLINE
180T FR. - BB - TS - TEFC	

MAT'L.

FINISH

DRAWN MRB 04-03-1995

CHK RJM 04-04-1995

APPD PH 04-04-1995

SCALE	7=32
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REF

FMF

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SS65918

REV.

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NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		DRAWN RM	ML	OF	REV.
					DEC.	INCHES				
5	CHG TO REGAL LOGO	SL 09/10/2015	AB				 Regal Beloit America, Inc.			
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1					
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02					
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005					
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005					
					±7'30"		FINISH			
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