

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 182TTFR4007

Catalog No: U737

General Purpose Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
182TC Frame, TEFC

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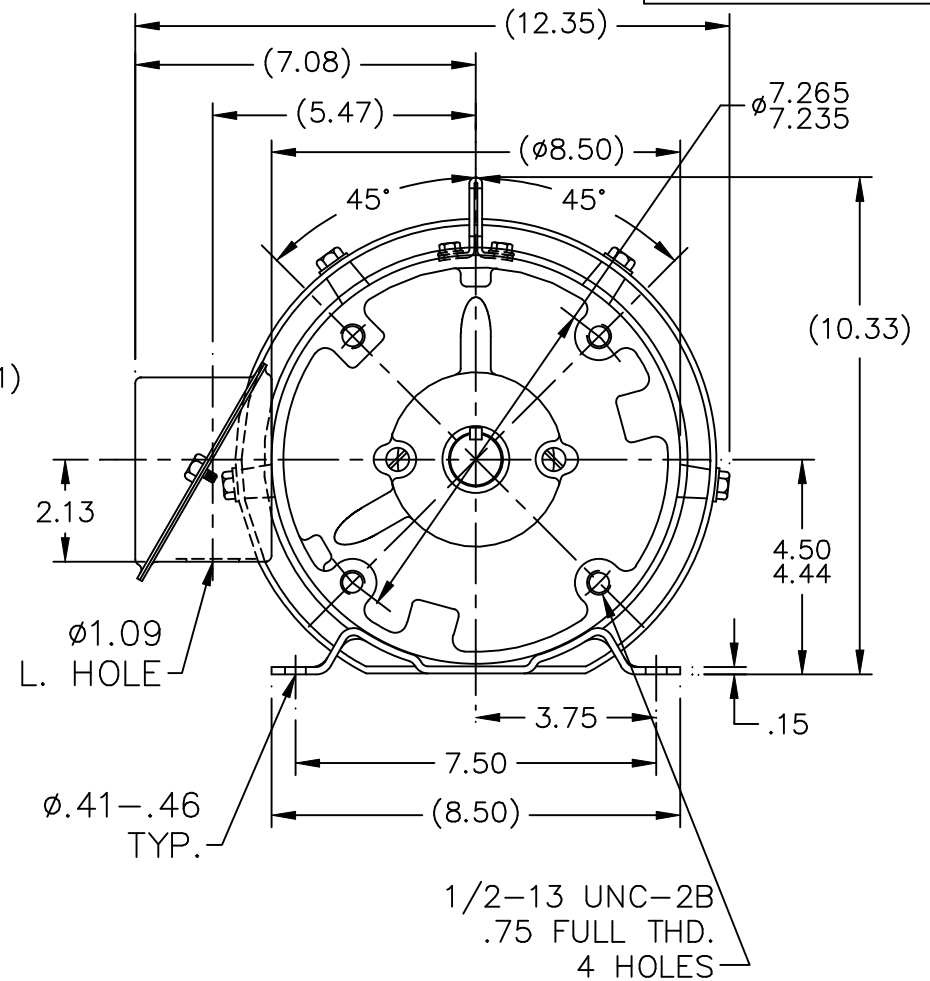
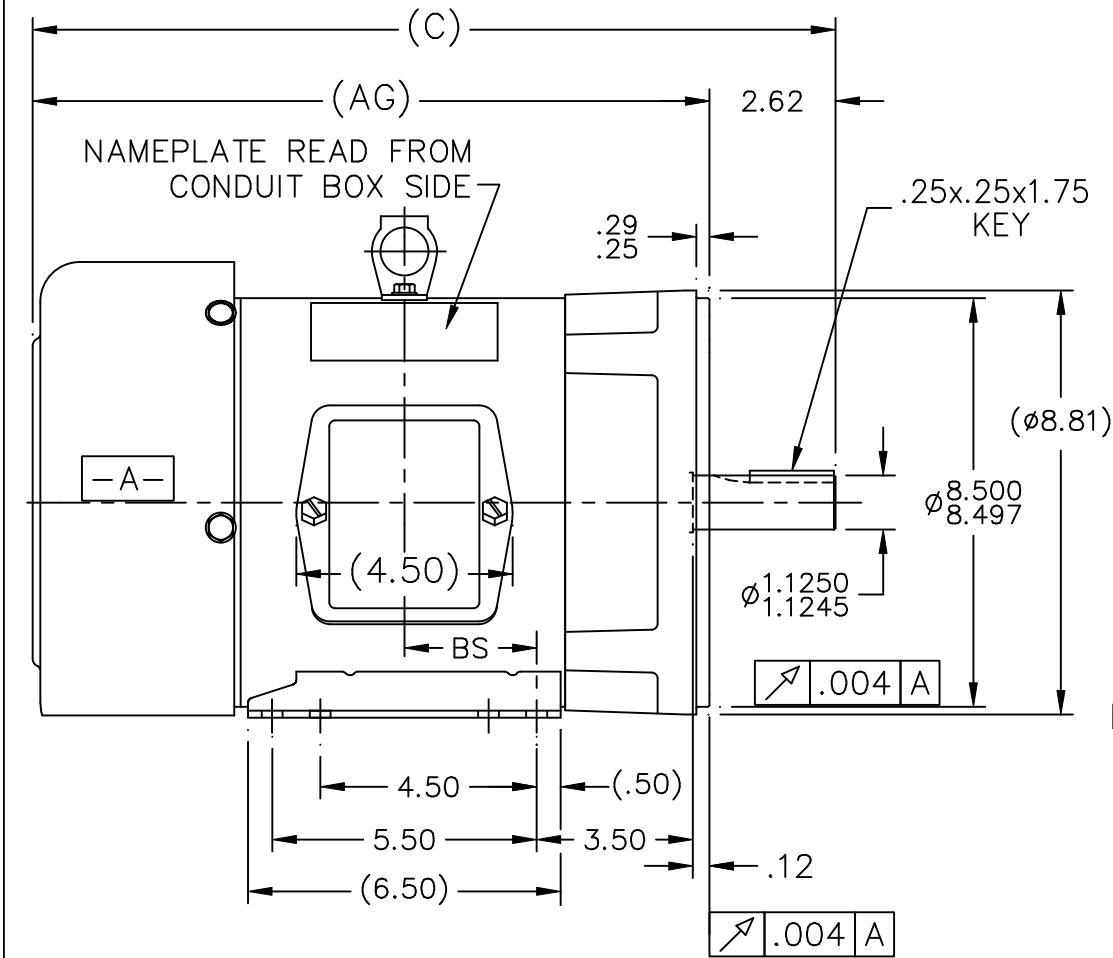
Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	3480 & 2920 rpm	Service Factor	1.15 & 1.15
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	85.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.4/3.7 & 6/3 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
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	2	Rotation	Reversible
Resistance Main	3.57 Ohms	Mounting	Rigid Base
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
Connection Drawing	A-EE7308	Outline Drawing	A-SS65653-575

SS65653



DASH	FR.	C	BS	AG	MOUNTING
575	182T	15.69	2.25	13.07	F1 OR F2
675	182/4T	16.69	2.75	14.07	F1 OR F2
725	182/4T	17.19	3.00	14.57	F1 ONLY
775	182/4T	17.69	3.25	15.07	F1 ONLY

BOX CAN BE ROTATED IN 90° STEPS.
BOX CAN BE MOUNTED ON OPPOSITE SIDE BY
REMOVING BRACKETS & TURNING FRAME 180°.

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DJK 01-04-1993		
NO.	REVISION	BY & DATE	CHK	ANG		SCALE	1=4	REF
13	WAS LINCOLN NOW MARATHON T-BLOCK	RJW 01-02-2008	ML	DEC.	INCHES	CHK ML 01-05-1993		
12	UPDATED DRAWING	RJW 04-20-2007		.X	±.1	APPD GK 01-05-1993		
11	ADDED LEESON LIFT LUG CN34025	MSG 08-14-2001		.XX	±.03	TITLE OUTLINE		
10	REVISED MOUNTING CN27400-320	CAE 05-11-2000		.XXX	±.005	180 FR. - BB - TS - TEFC		
9	ADDED MOUNTING TYPE CN27451	DRS 05-05-1999		.XXXX	±.0005	MAT'L.		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		
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			DIST	LB		A	SS65653	13



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	DRAWING NO.	PAGE	OF	REV.
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES					
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"					
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