

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 182TTDR8067

Catalog No: C123

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



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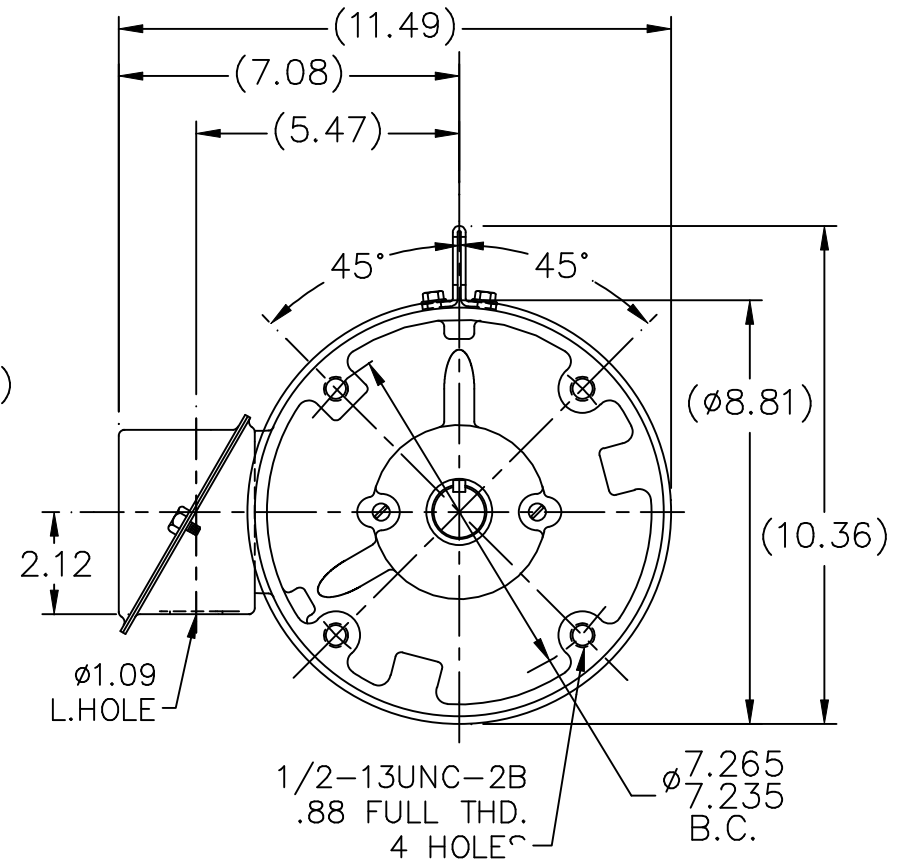
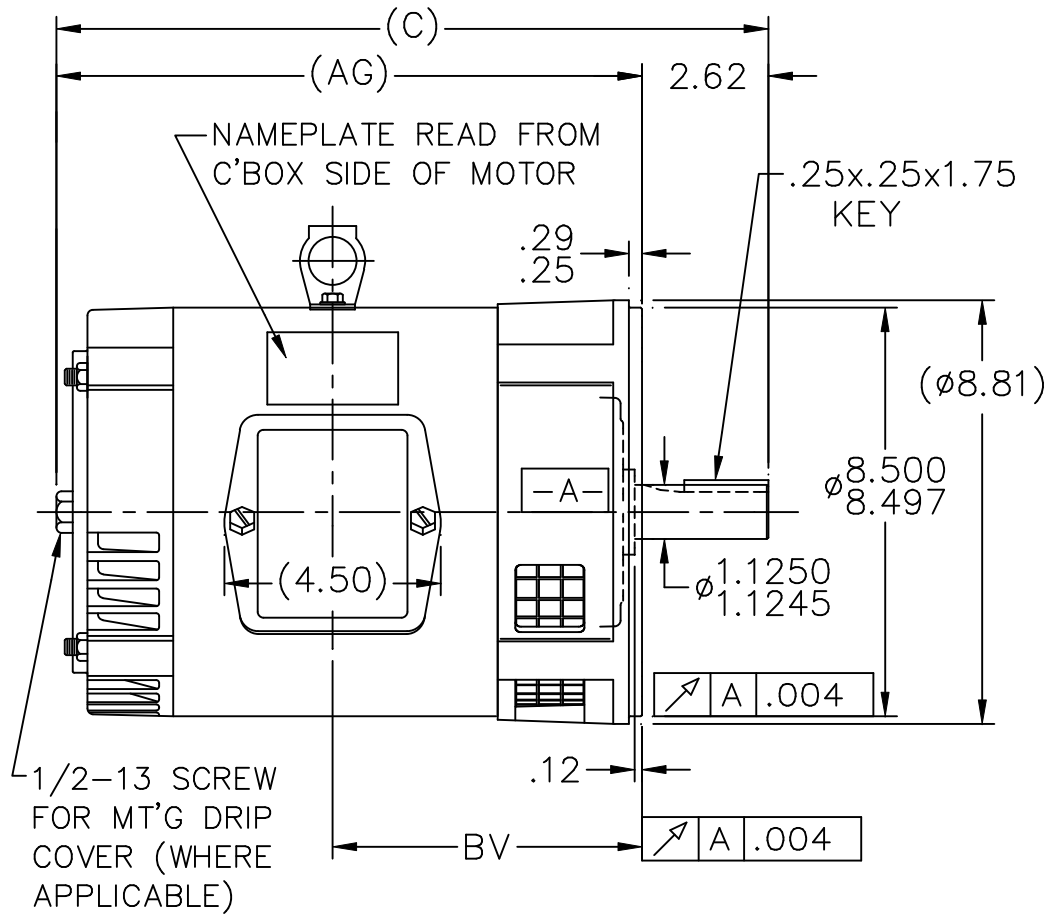
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1730 & 1450 rpm	Service Factor	1.15 & 1.15
Frame	182TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	81.5 & 82.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	9.2-9/4.5 & 7.2/3.6 A	Power Factor	77.7
Duty	Continuous	Insulation Class	B
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	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	7.2 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.80 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-SS67334-575	Connection Drawing	A-EE7308



DASH	FR.	C	AG	BV
575	182T	13.80	11.18	5.44
675	182/4T	14.80	12.18	6.44

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 LZ 06-28-1994			
				DEC.	INCHES		CHK	ML	07-01-1994	
10	UPDATED DRAWING		RJW 05-10-2007	.X	±.1	TITLE OUTLINE 180 FR. - BB - TS - DR.PR - C'FACE MAT'L. FINISH	APPD	GK	07-01-1994	
9	ADDED FORMED LIFT LUG CN34025		HLB 06-29-2001	.XX	±.03		SCALE 1=4			
8	ADDED (WHERE APPLICABLE) NOTE CN29100-666		TJB 06-26-2000	.XXX	±.005		REF			
7	REDIMENSION OVER ALL HEIGHT CN29300-1		CAV 01-14-2000	.XXXX	±.0005		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV		
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NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		DRAWN RM	11/20/1990
					DEC.	INCHES		
5	CHG TO REGAL LOGO	SL 09/10/2015	AB				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		REF	
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		FMF	
					±7'30"		PREV	
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