

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 182TTDB4026

Catalog No: E718

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

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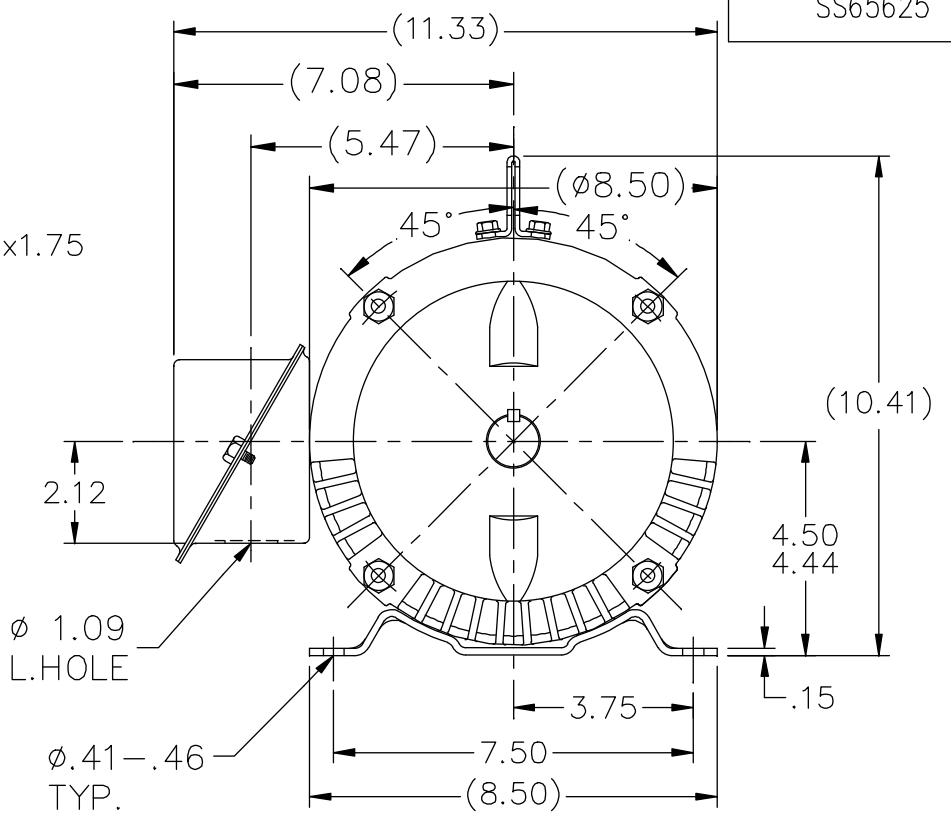
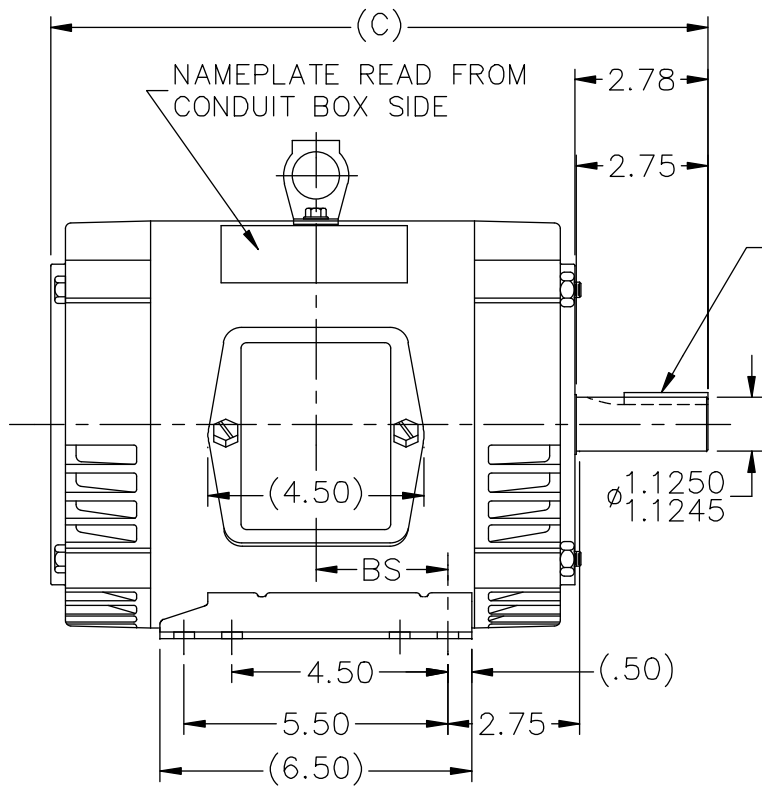
Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1760 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	182T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	86.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.8-8.2/4.1 & 7.2/3.6 A	Power Factor	77.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

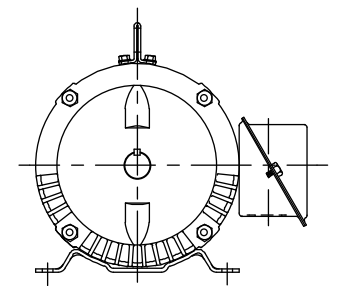
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	4.59 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.72 in
Frame Length	6.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS65625-675	Connection Drawing	A-EE7308

SS65625



BOX CAN BE ROTATED IN 90° STEPS.

DASH	FR.	C	BS	MOUNTING	DASH	FR.	C	BS	MOUNTING
575	182T	12.72	2.25	F1 OR F2	775	182T	14.72	3.25	F1 ONLY
625	182T	13.22	2.50	F1 OR F2	775	184T	14.72	3.25	F1 ONLY
675	182T	13.72	2.75	F1 OR F2	825	184T	15.22	3.50	F1 ONLY
675	184T	13.72	2.75	F1 OR F2	875	184T	15.72	3.75	F1 ONLY
725	182T	14.22	3.00	F1 ONLY	925	184T	16.22	4.00	F1 ONLY
725	184T	14.22	3.00	F1 ONLY					



F2 VIEW (WHEN APPLICABLE)

NO.		REVISION		BY & DATE		CHK		ANG		±'30"		FINISH		CAD FILE		SIZE		DRAWING NO.		PAGE		OF		REV.											
14		UPDATED DRAWING		R JW 04-20-2007		DEC.		INCHES		±.1		MARATHON ELECTRIC		DRAWN ML 12-28-1987		CHK		GK 12-28-1987																	
13		REDRAWN IN AUTOCAD		TAT 06-29-2004		ML		.X		±.03		TITLE OUTLINE		APPD FG 12-28-1987																					
12		ADDED LIFT LUG		CN 34025 DRS 07-06-2001				.XX		±.005		180T FR. - BB - TS - DR. PR.		SCALE		1=4																			
11		ADDED MOUNTING TYPE		CN 27451 DRS 02-17-2000				.XXX		±.0005		MAT'L.		REF																					
10		CORRECTED DASH 725 & 775		CN 21725-50 BLR 01-15-1996				.XXXX		±.0005		FINISH		FMF																					
NO.		REVISION		BY & DATE		CHK		ANG		±'30"		FINISH		PREV																					
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EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	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		TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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