

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 182TTDR7101

Catalog No: H182

1 HP General Purpose Motor, 3 phase, 900 RPM, 230/460 V, 182T Frame, ODP
General Purpose Motors

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E

RegalRexnord



Nameplate Specifications

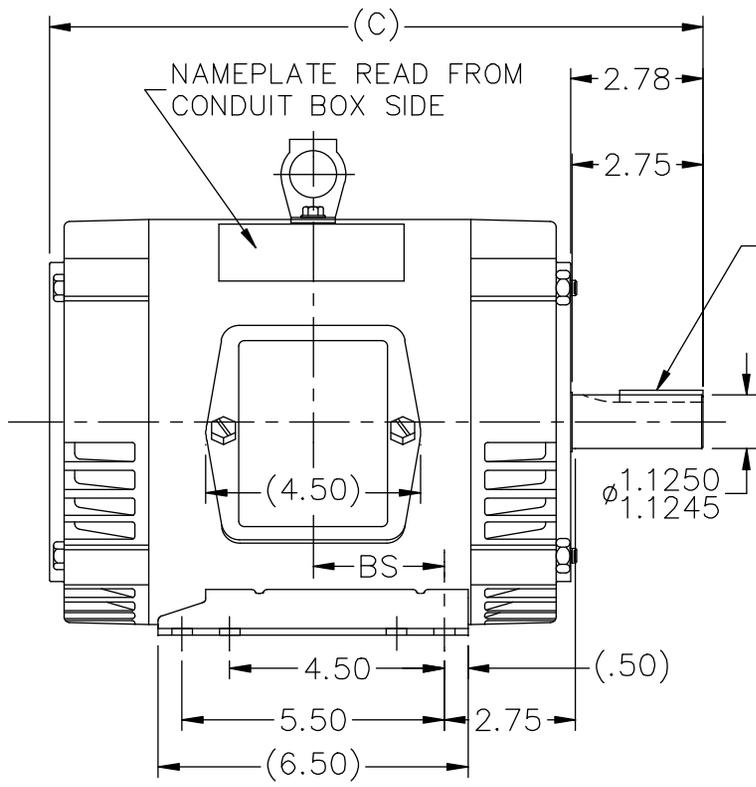
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	4.0/2.0 A	Speed	850 rpm
Service Factor	1.15	Phase	3
Efficiency	72 %	Power Factor	62
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Frame	182T	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive 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

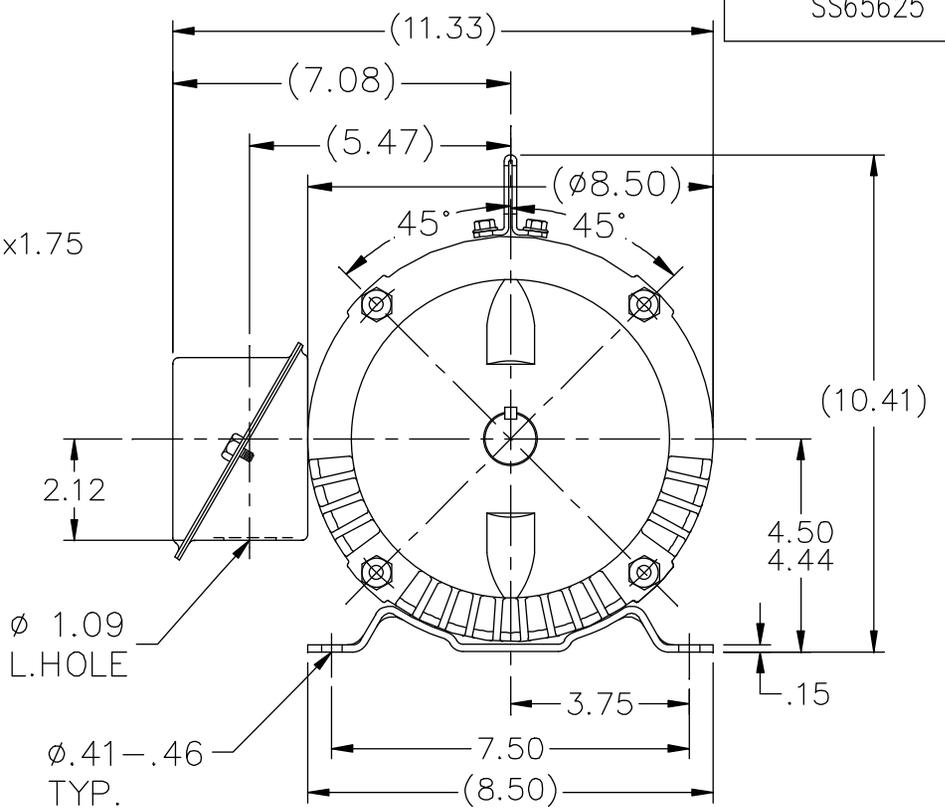
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	21.4 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	12.72 in
Frame Length	5.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS65625-575	Connection Drawing	A-EE7308

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/12/2021

SS65625

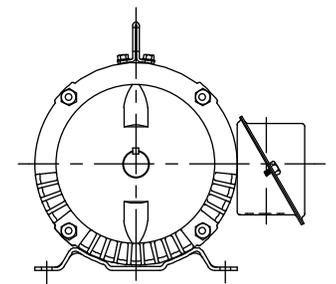


.25x.25x1.75 KEY



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					

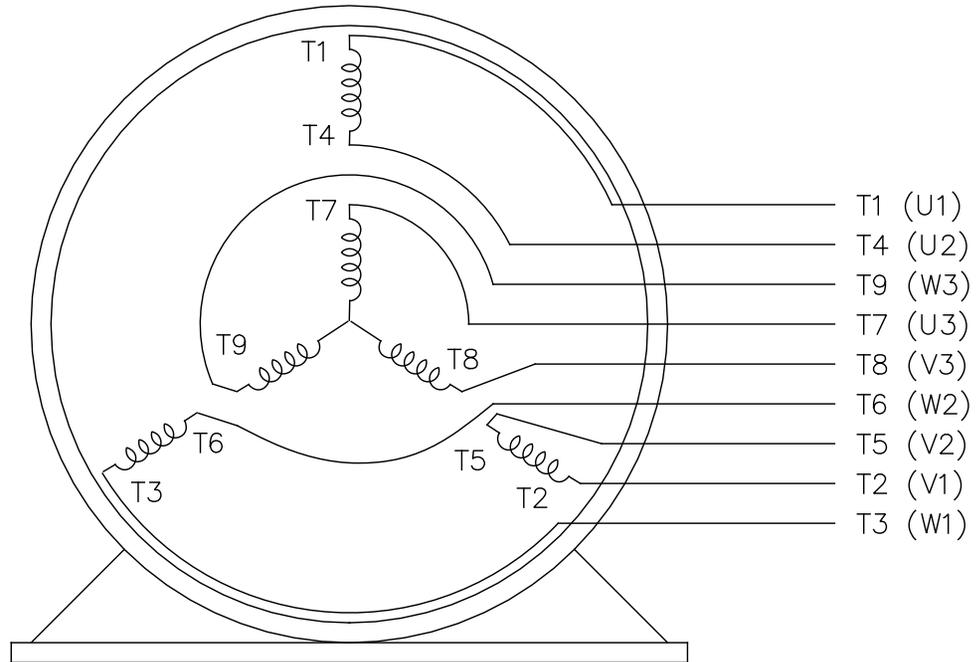
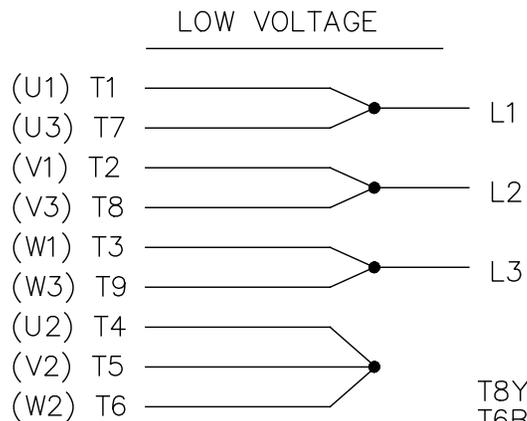
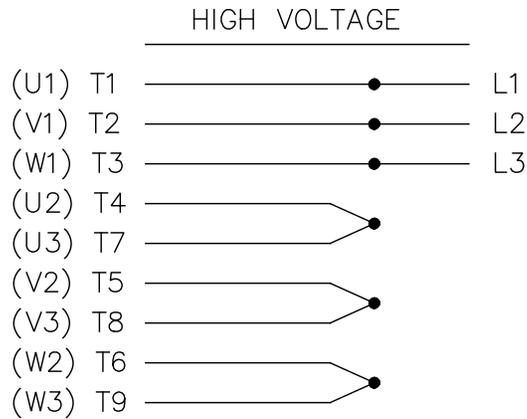


F2 VIEW (WHEN APPLICABLE)

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN ML 12-28-1987
					DEC.	INCHES		
14	UPDATED DRAWING	RJW 04-20-2007					TITLE OUTLINE 180T FR. - BB - TS - DR. PR.	ML 12-28-1987
13	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML	.X	±.1			APPD FG 12-28-1987
12	ADDED LIFT LUG	CN 34025 DRS 07-06-2001		.XX	±.03			SCALE 1=4
11	ADDED MOUNTING TYPE	CN 27451 DRS 02-17-2000		.XXX	±.005			REF
10	CORRECTED DASH 725 & 775	CN 21725-50 BLR 01-15-1996		.XXXX	±.0005		MAT'L.	FMF
					±'30"		FINISH	PREV
			RFP	CAD FILE ss65625			SIZE	DRAWING NO. PAGE OF REV.
			DIST LB				A	SS65625 14

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



T1 (U1)
T4 (U2)
T9 (W3)
T7 (U3)
T8 (V3)
T6 (W2)
T5 (V2)
T2 (V1)
T3 (W1)

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		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			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 A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					

