

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 184TTFC4026

Catalog No: U618

Other Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
184T Frame, TEFC

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RegalRexnord

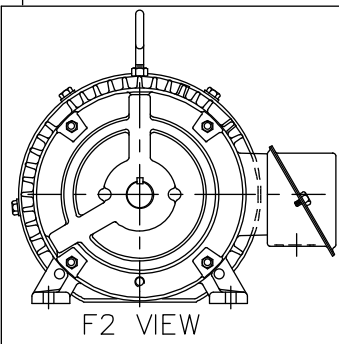
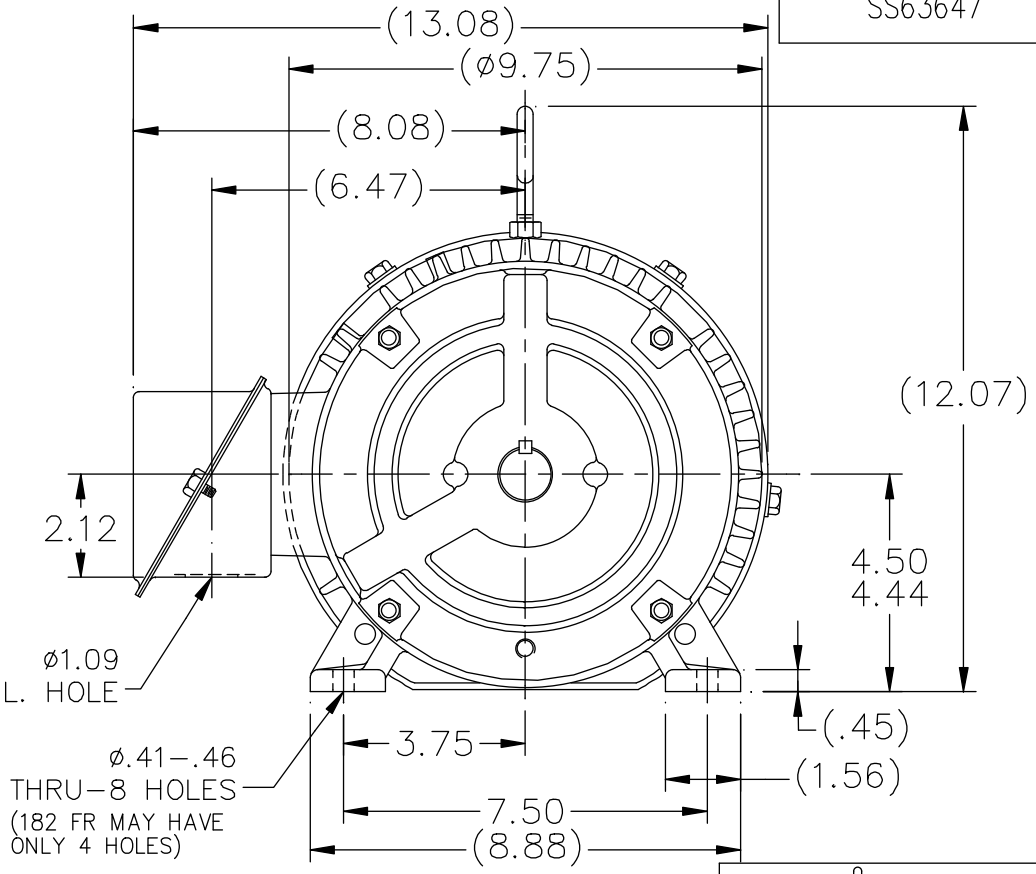
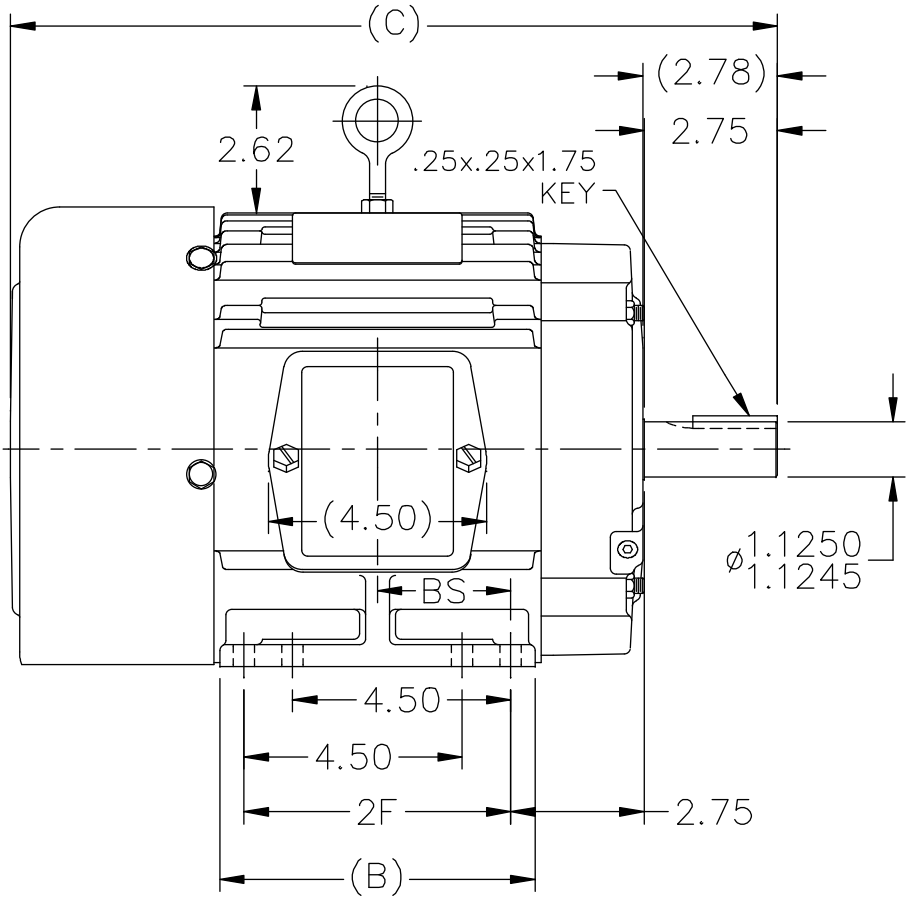
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	1755 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	14-13/6.5 & 9.8/4.9 A	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	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	2.78 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	15.81 in
Frame Length	6.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.78 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	A-SS63647-675

SS63647



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

DASH	FR.	C	B	2F	BS	MOUNTING
575	182T	14.81	5.50	4.50	2.25	F1 OR F2
675	182/4T	15.81	6.50	5.50	2.75	F1 OR F2
800	182/4T	17.06	7.75	5.50	3.38	F1 ONLY

NO.	REVISION	BY & DATE	CHK	ANG	±7'30"
11	ADDED F2 VIEW	HLB			
10	REVISED DASH 575 WAS F1 ONLY CN 29200-90	CAV 01-31-2000			
9	ADDED 4 EXTRA FOOT HOLES	MRB 07-02-1998			
8	REVISED SHAFT HEIGHT CN 16763	BRH 03-18-1996			
7	REDRAWN ON CADD	SMC 04-20-1993			

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005

MARATHON ELECTRIC

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

MAT'L.

FINISH

DRAWN	SMC 04-07-1993
CHK	ML 04-12-1993
APPD	GK 04-19-1993
SCALE	1=4
REF	
FMF	
PREV	

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RFP	CAD FILE ss63647
DIST LB	

SIZE	DRAWING NO.	PAGE	OF	REV.
A	SS63647			11

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		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				
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							DIST WP					

