PRODUCT INFORMATION PACKET

Model No: 184TTDR4132
Catalog No: U403
General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 184TC Frame, DP

marathon® Motors

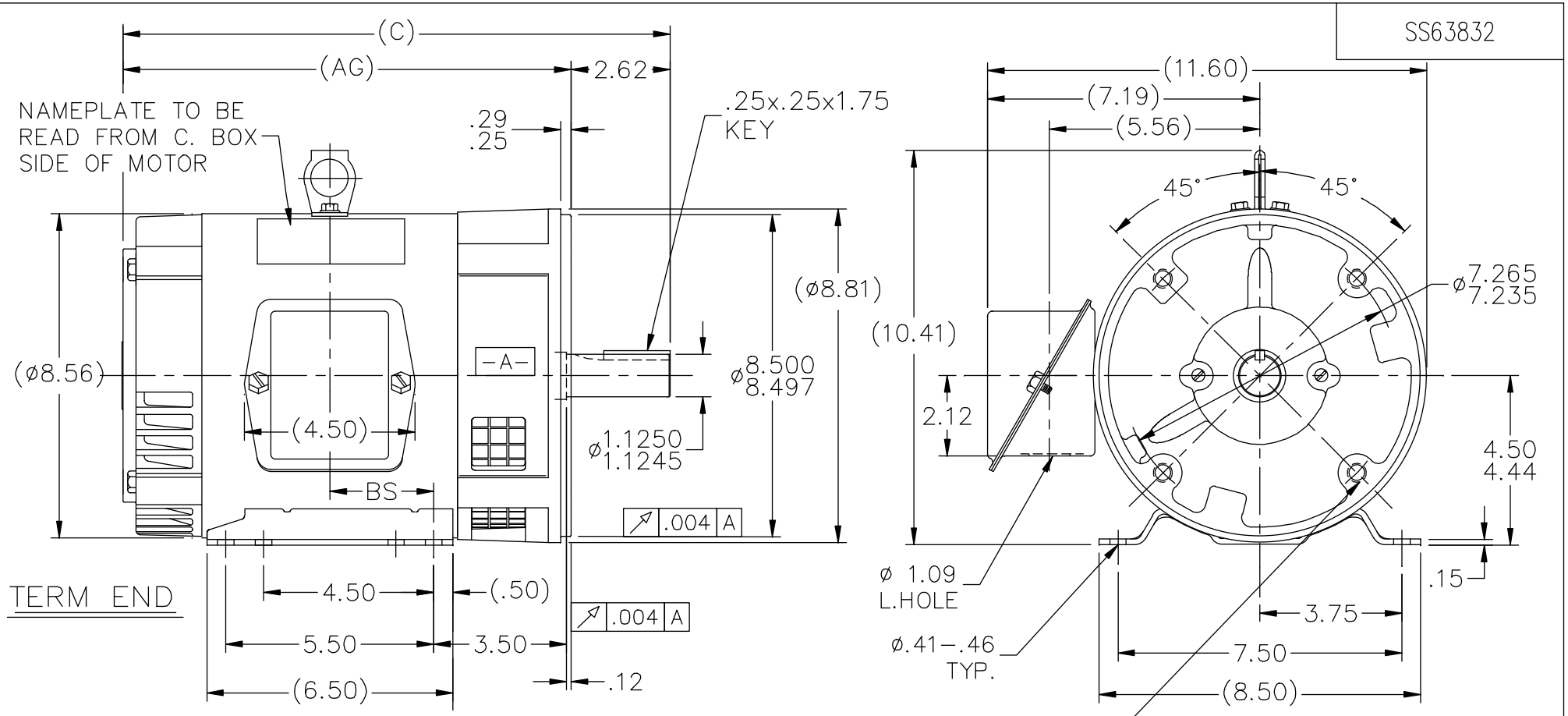
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1745 & 1455 rpm	Service Factor	1.15 & 1.15
Frame	184TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.2/6.6 & 10.4/5.2 A	Power Factor	81
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	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	3.2 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	14.96 in
Frame Length	7.25 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS63832-725	Connection Drawing	A-EE7308

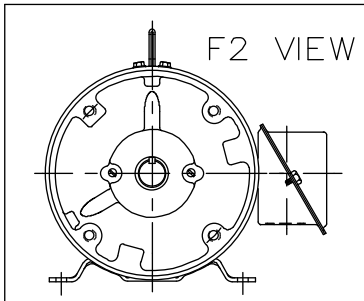
SS63832



DASH	FR.	C	AG	BS	MOUNTING
575	182T	13.46	10.84	2.25	F1 OR F2
675	182/4T	14.46	11.84	2.75	F1 OR F2
725	182/4T	14.96	12.34	3.00	F1 ONLY
775	182/4T	15.46	12.84	3.25	F1 ONLY
825	182/4T	15.96	13.34	3.50	F1 ONLY

NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS.
2. BOX CAN BE MOUNTED ON OPP. SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.



NO.	REVISION	BY & DATE	CHK
14	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML
13	ADDED LIFT LUG CN 34025	NJS 07-23-2001	
12	UPDATED TITLE BLOCK	DAH 01-08-2001	
11	REVISED MOUNTING CN 27400-320	CAE 11-12-1999	
10	ADDED MOUNTING TYPE CN 27451	DRS 04-29-1999	
9	ADDED -675 (182T) CN 25600-2	BLR 01-06-1998	

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

MARATHON ELECTRIC

DRAWN	DA 04-08-1993
CHK	MOL 04-27-1993
APPD	GK 04-27-1993
TITLE	OUTLINE 180T FR. - DR.PR. - C' FACE
SCALE	1=4
REF	
MAT'L.	
FMF	
FINISH	
PREV	

RFP

DIST LB

CAD FILE ss63832

SIZE	DRAWING NO. PAGE OF	REV.
A	SS63832	14

EE7308

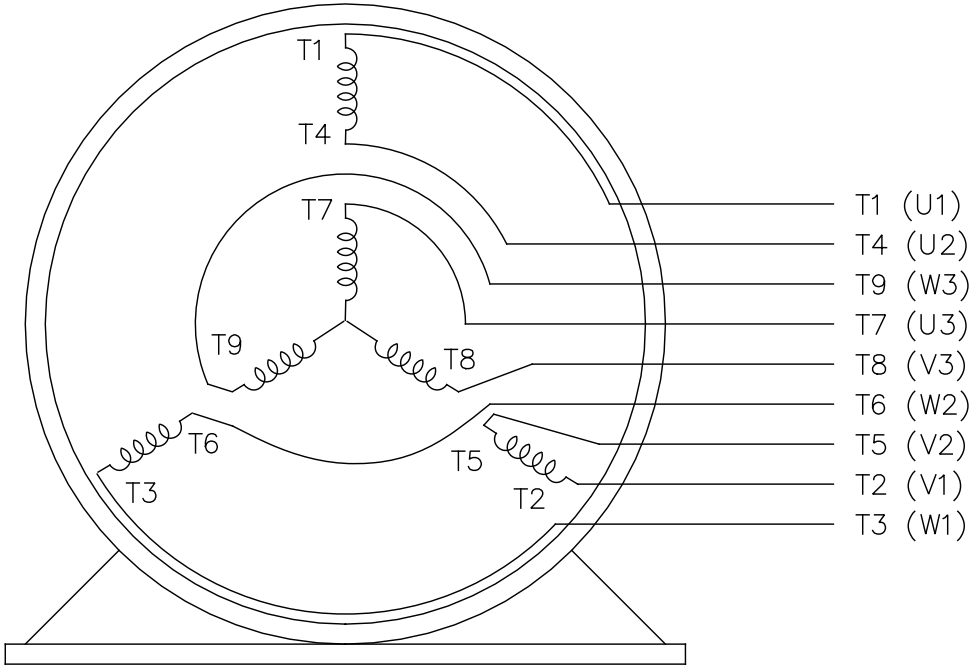
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE

(U1) T1 — L1
(V1) T2 — L2
(W1) T3 — L3
(U2) T4
(U3) T7
(V2) T5
(V3) T8
(W2) T6
(W3) T9

LOW VOLTAGE

(U1) T1
(U3) T7 — L1
(V1) T2
(V3) T8 — L2
(W1) T3
(W3) T9 — L3
(U2) T4
(V2) T5
(W2) T6



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
5	CHG TO REGAL LOGO	SL 09/10/2015	AB
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS
1	REDRAWN	RM 11/20/1990	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Regal Beloit America, Inc.

TITLE CONNECTION DIAGRAM
3ø – DUAL VOLTAGE MOTOR

MAT'L.
FINISH
CAD FILE ee7308
RFP
DIST WP

DRAWN RM	11/20/1990
CHK ML	11/21/1990
APPD SAS	04/24/2003
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. EE7308 | PAGE OF | REV. 5