PRODUCT INFORMATION PACKET

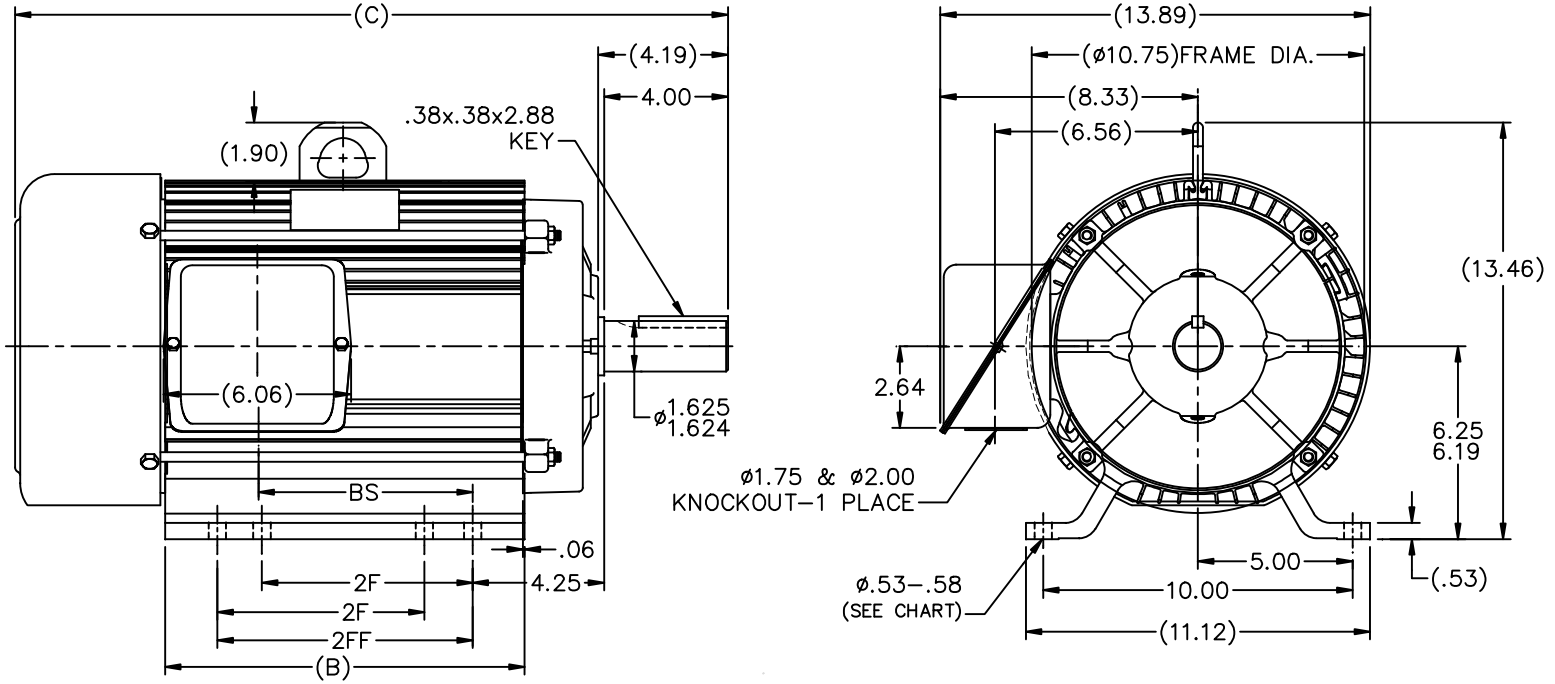
Model No: 254TTFL14026
Catalog No: E996
Other Purpose Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM, 254T Frame, TEFC

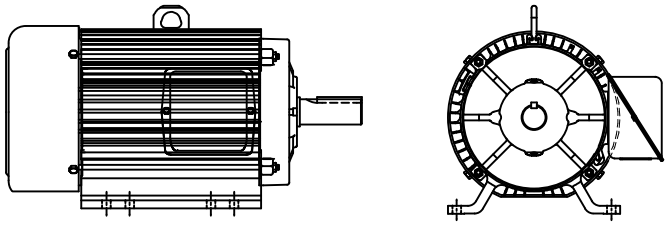
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1750 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	254T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	42-40/20 & 33/16.5 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6207
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	.757 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	22.99 in
Frame Length	11.50 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS330109-1150	Connection Drawing	A-EE7308





F2 CONDUIT BOX LOCATION

NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 180° STEPS.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR
3. SEE CHART FOR F2 CAPABILITY. IF YES, BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°

DASH	FRAME	B	C	2F	2FF	BS	F2 CAPABLE	NO. OF MTG. HOLES
1100	254T	11.12	22.49	8.25	–	6.46	NO	4
1150	254T	11.62	22.99	8.25	–	6.96	YES	4
1275	254T	12.87	24.24	8.25	–	8.21	NO	4
1275	254T	12.87	24.24	8.25	–	8.21	YES	8
1275	256T	12.87	24.24	10.00	–	8.21	NO	4
1325	254T	13.37	24.74	8.25	10.00	8.25	YES	8
1325	256T	13.37	24.74	10.00	–	8.71	YES	4
1375	256T	13.87	25.24	10.00	–	9.21	YES	4
1475	256T	14.87	26.24	10.00	–	10.21	YES	8

NO.	REVISION	BY & DATE	CHK
8	REMOVED DIMENSION 9.50 FROM –1275 / 2FF	RJW 6/17/2008	ML
7	UPDATED DRAWING	RJW 04-12-2007	
6	REVISED DASH 1275 (2F) WAS 10.00 ECN8752 CN40215	RJW 06-21-2006	ML
5	ADDED "2FF" COLUMN CN 40215	JJB 06/01/2006	
4	–1475; '2F' DIMENSION WAS 12.00 CN 46434	DRS 05-08-2006	ML
3	REVISED DASH 1475 / 2F WAS 11.50 CN46368	RJW 02-14-2006	ML

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

MARATHON ELECTRIC

TITLE OUTLINE
210 FR.–254/56 MTG. ALUMINUM FR.–TEFC

MAT'L.
FINISH

DRAWN MJK 04–13–2005
CHK ML 08–18–2005
APPD CGD 08–18–2005
SCALE 1=4
REF
FMF
PREV

RFP
CAD FILE ss330109
DIST LB

SIZE B | DRAWING NO. SS330109 | PAGE OF | REV. 8

EE7308

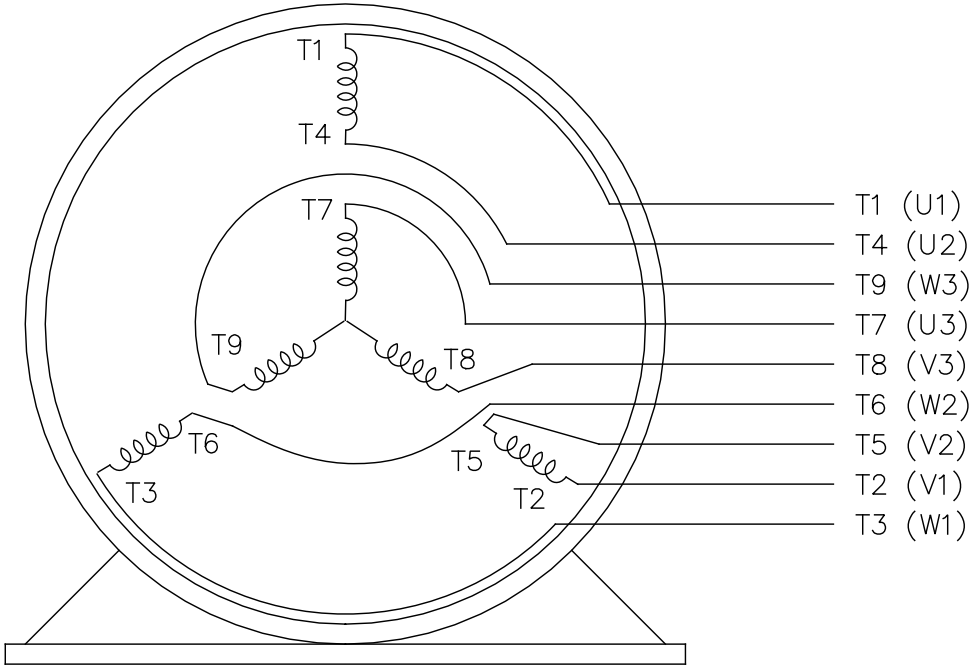
THREE PHASE
DUAL VOLTAGE MOTOR

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