PRODUCT INFORMATION PACKET

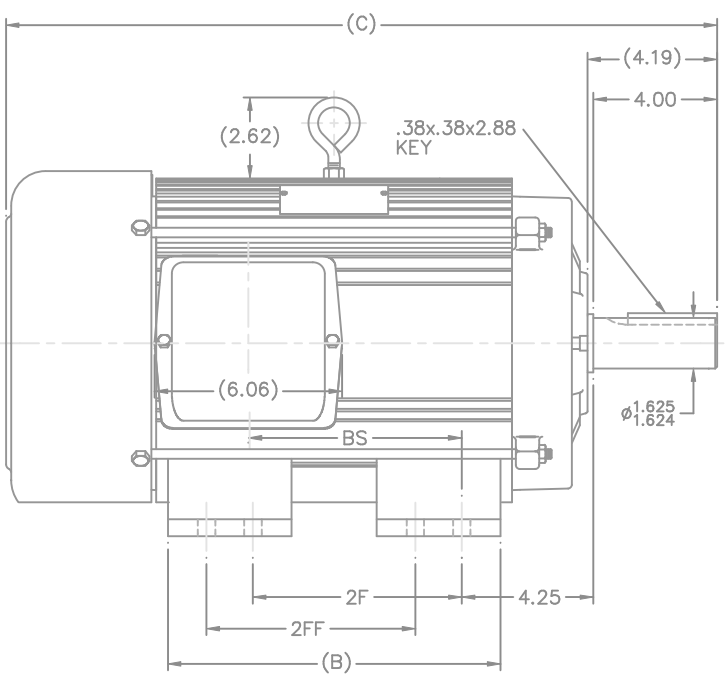
Model No: 256TTFL14076
Catalog No: E973
Other Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM, 256T Frame, TEFC

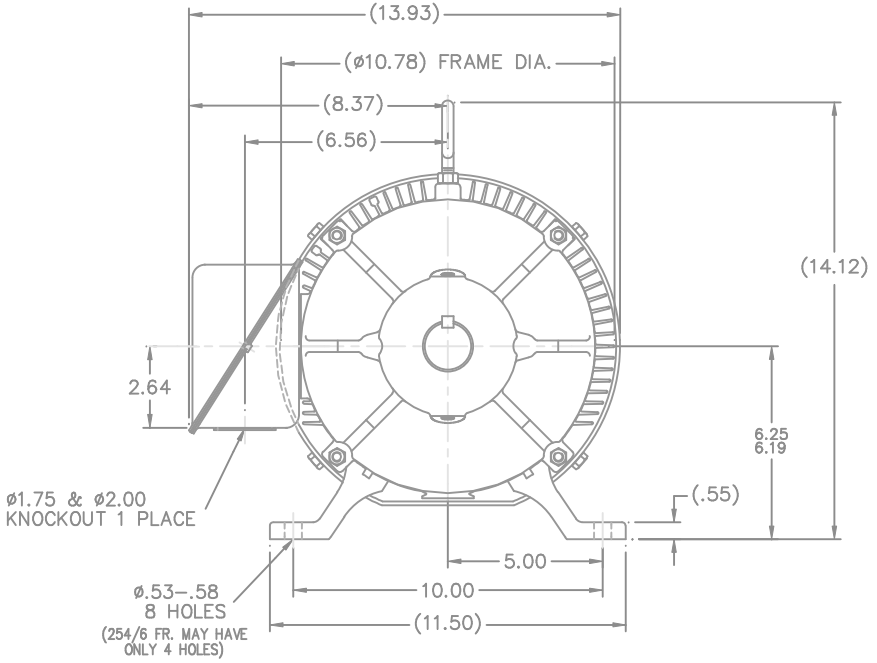
Nameplate Specifications

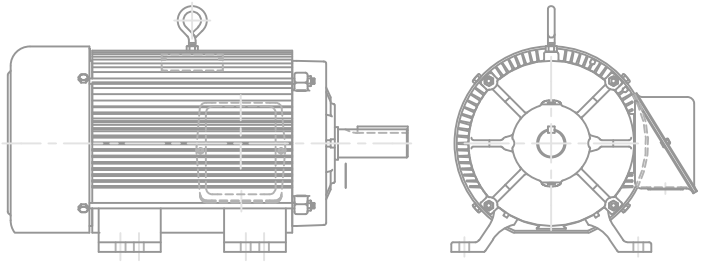
Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	1160 & 965 rpm	Service Factor	1.15 & 1.15
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	26/13 & 23.6/11.8 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
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	6	Rotation	Reversible
Resistance Main	.89 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	26.24 in
Frame Length	14.75 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS84242-1475	Connection Drawing	A-EE7308







F2 CONDUIT BOX LOCATION

DASH	FRAME	B	C	2F	2FF	BS F1	BS F2
1100	254T	10.75	22.49	8.25	–	6.40	–
1150	254T	10.75	22.99	8.25	–	6.90	1.35
1275	256T	12.50	24.24	10.00	–	8.40	1.35
1325	254T	10.75	24.74	8.25	8.25	8.65	N/A
1325	256T	12.50	24.74	10.00	–	8.65	1.35
1475	254T	12.50	26.24	8.25	–	8.65	1.35
1475	256T	14.25	26.24	10.00	–	10.39	1.60

04-19-2000
04-11-2000

NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 180° 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

NO.	REVISION	BY & DATE	CHK
13	REVISED DASH 1475 2FF WAS 10.00	RJW 11-29-2004	
12	DASH 1475 CHANGED 2FF AND BS (F1 & F2)	RJW 11-03-2004	
11	REMOVED 2FF DIM. ON 1325 256T DASH CN 32514	TJB 01-06-2004	ML
10	DASH 1475 256T FR.; 'B' WAS 12.50 CN 31978	DRS 01-10-2003	ML
9	CLARIFIED DUAL DRILLING CN 29200-109	MSG 06-28-2000	
8	ADDED DUAL DRILLING CN 29200-109	CAV 02-03-2000	

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

MARATHON ELECTRIC

DRAWN DA 10-05-1992
CHK ML 10-12-1992
APPD GK 10-12-1992
SCALE 1=4
REF
FMF
PREV

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

MAT'L.
FINISH

RFP
DIST LB
CAD FILE ss84242

SIZE	DRAWING NO.	PAGE OF	REV.
B	SS84242		13

EE7308

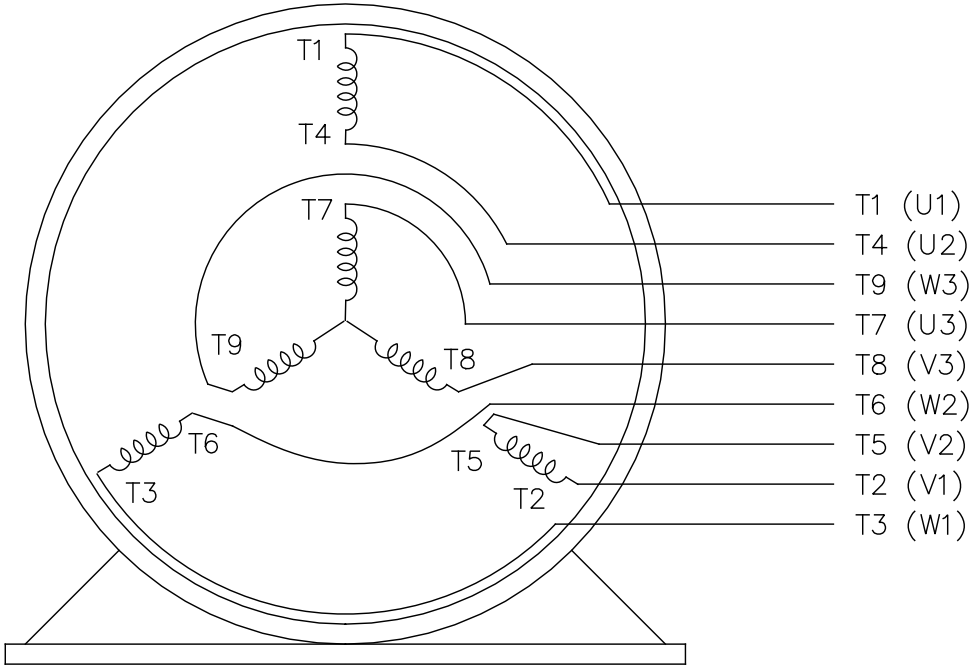
THREE PHASE
DUAL VOLTAGE MOTOR

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

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

REGAL™ 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