

# PRODUCT INFORMATION PACKET



Model No: 254TTFL4027

Catalog No: U646A

15 HP General Purpose Motor, 3 phase, 1800 RPM, 200 V, 254T Frame, TEFC  
General Purpose Motors

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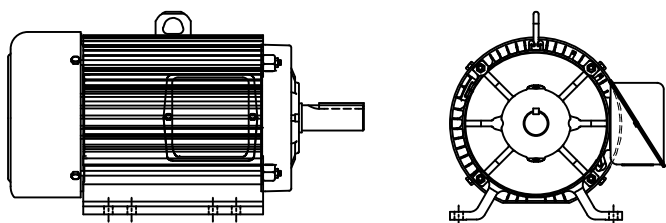
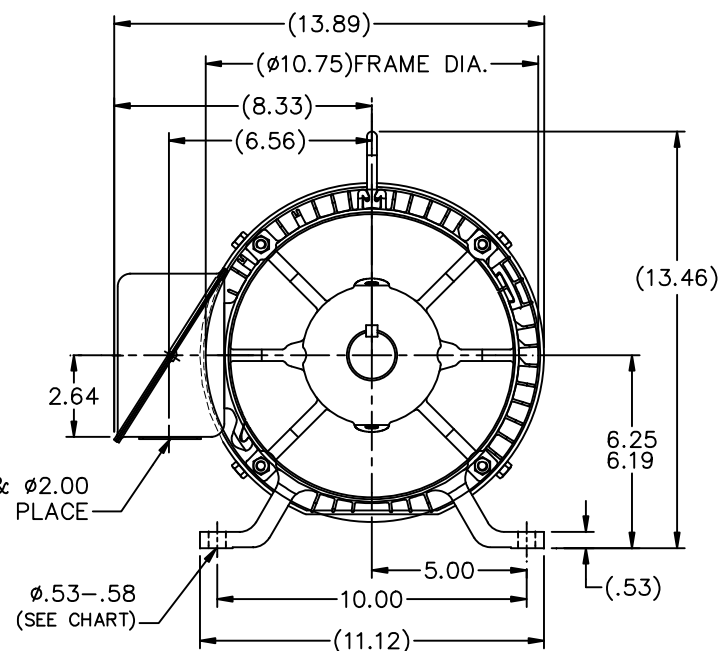
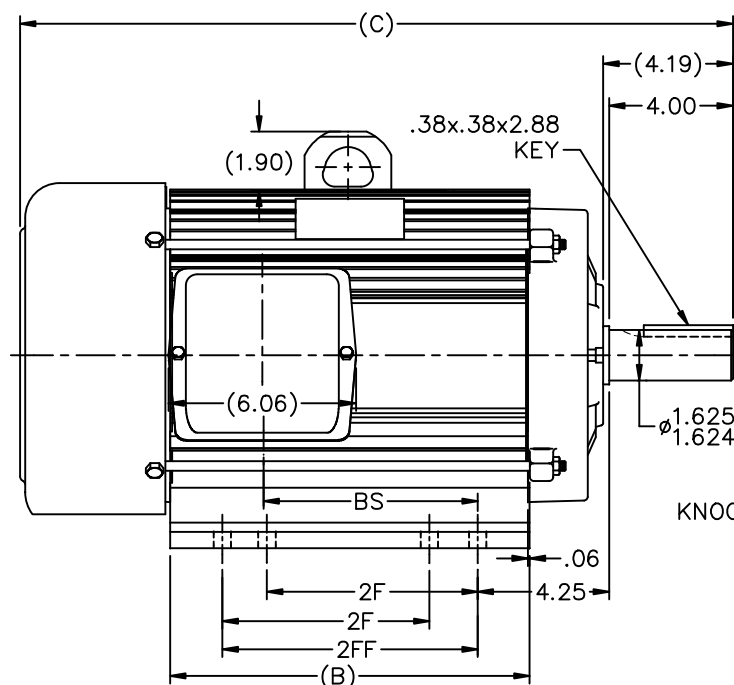
**Nameplate Specifications**

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	200 V
Current	46.0 A	Speed	1750 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	254T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
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
Connection Drawing	A-EE7300	Outline Drawing	B-SS330109-1150

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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

8	REMOVED DIMENSION 9.50 FROM -1275 / 2FF	RJW 6/17/2008	ML	TOLERANCES UNLESS SPECIFIED	INCHES		DRAWN MJK 04-13-2005
7	UPDATED DRAWING	RJW 04-12-2007	DEC.				CHK ML 08-18-2005
6	REVISED DASH 1275 (2F) WAS 10.00 ECN8752 CN40215	RJW 06-21-2006	ML	.X	±.1		APPD CGD 08-18-2005
5	ADDED "2FF" COLUMN CN 40215	JBW 06/01/2006	XX	±.03		TITLE OUTLINE 210 FR.-254/56 MTG. ALUMINUM FR.-TEFC MAT'L FINISH	SCALE 1=4
4	-1475; '2F' DIMENSION WAS 12.00 CN 46434	DRS 05-08-2006	ML	.XXX	±.005		REF
3	REVISED DASH 1475 / 2F WAS 11.50 CN46368	RJW 02-14-2006	ML	.XXX	±.0005		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	PREV
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DIST LB						SIZE B	DRAWING NO. SS330109
						PAGE 8	REV. 8

# THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.

## TERMINAL BLOCK WHEN SPECIFIED



### IF MOTOR HAS 6 LEADS



A-9806 DECAL

### OPTIONAL CORD CONNECTION



## VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION  
**CONNECTION DIAGRAM**  
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1
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