

# PRODUCT INFORMATION PACKET



Model No: 254TTFL14027

Catalog No: U646

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

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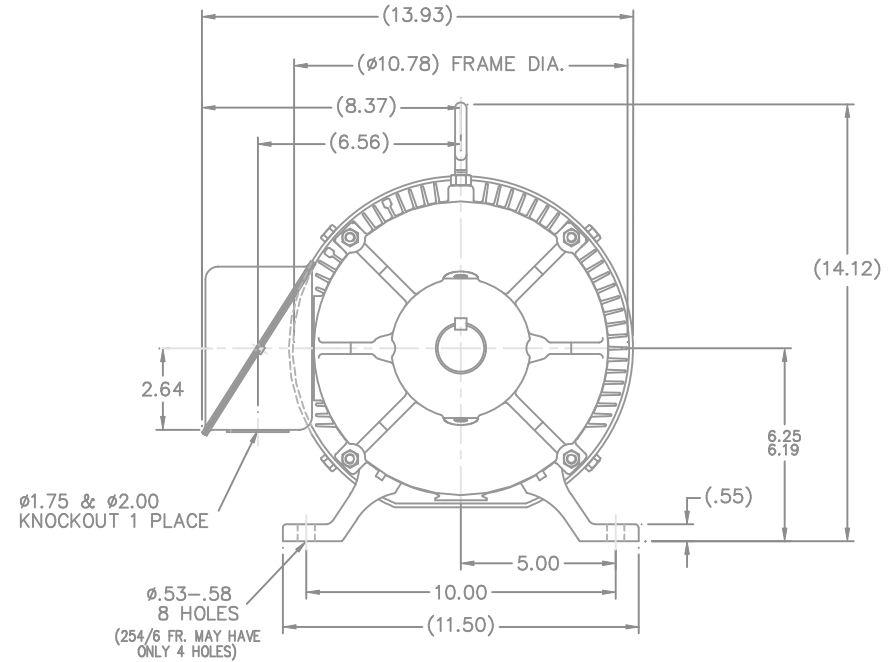
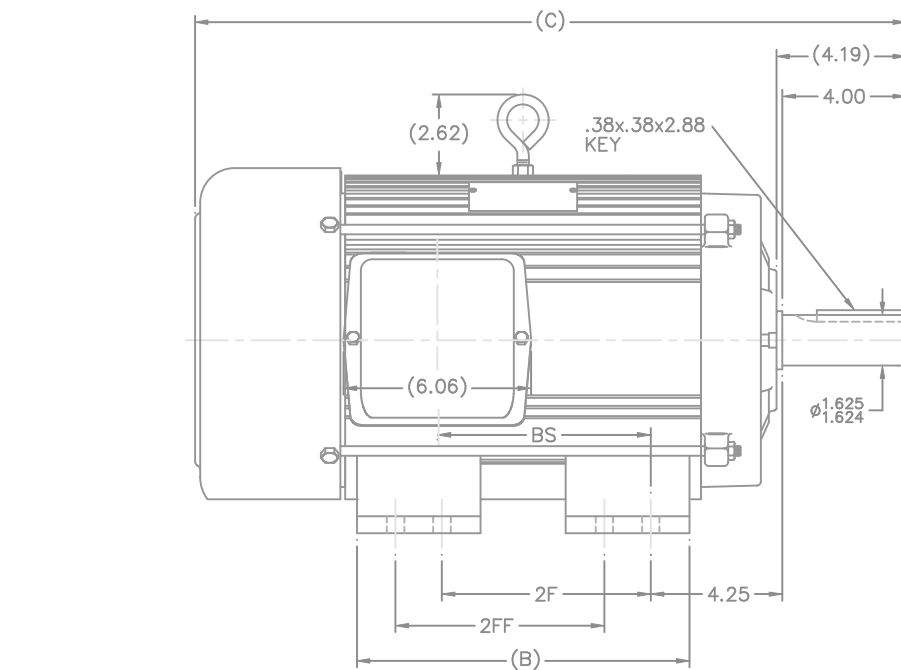
**Nameplate Specifications**

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**

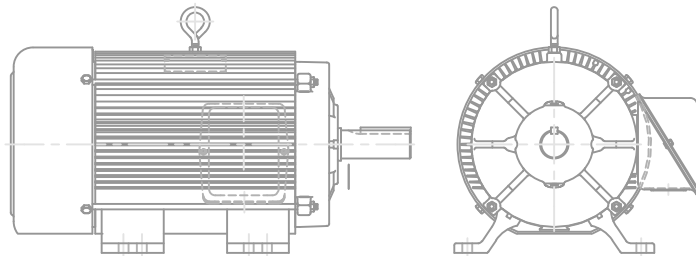
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.757 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	22.99 in
Frame Length	11.50 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS84242-1150	Connection Drawing	A-EE7300

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Ø1.75 & Ø2.00  
KNOCKOUT 1 PLACE

Ø.53-.58  
8 HOLES  
(254/6 FR. MAY HAVE  
ONLY 4 HOLES)



F2 CONDUIT BOX LOCATION

## 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

DASH	FRAME	B	C	2F	2FF	BS	
						F1	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

NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	CAD FILE	SS84242	SIZE	DRAWING NO.	PAGE	OF	REV.
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	.XX	±.1								
10	DASH 1475 256T FR.; 'B' WAS 12.50 CN 31978	DRS 01-10-2003	ML	.XX	±.03								
9	CLARIFIED DUAL DRILLING CN 29200-109	MSG 06-28-2000		.XXX	±.005								
8	ADDED DUAL DRILLING CN 29200-109	CAV 02-03-2000		.XXXX	±.0005								
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MARATHON ELECTRIC													
TITLE OUTLINE 210 FR. - 254/56 MTG. ALUMINUM FR. - TE													
MAT'L													
PREV													
RFP													
DIST LB													
B													
SS84242													
13													

# 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