

PRODUCT INFORMATION PACKET



Model No: 254TTFL14004

Catalog No: U643

15 HP General Purpose Motor, 3 phase, 3600 RPM, 200 V, 254T Frame, TEFC
General Purpose Motors

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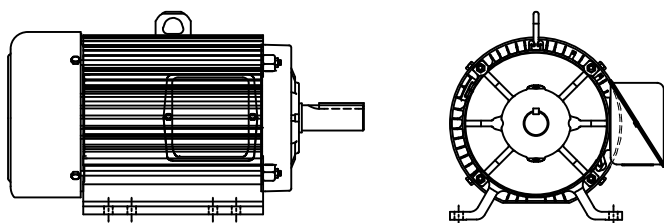
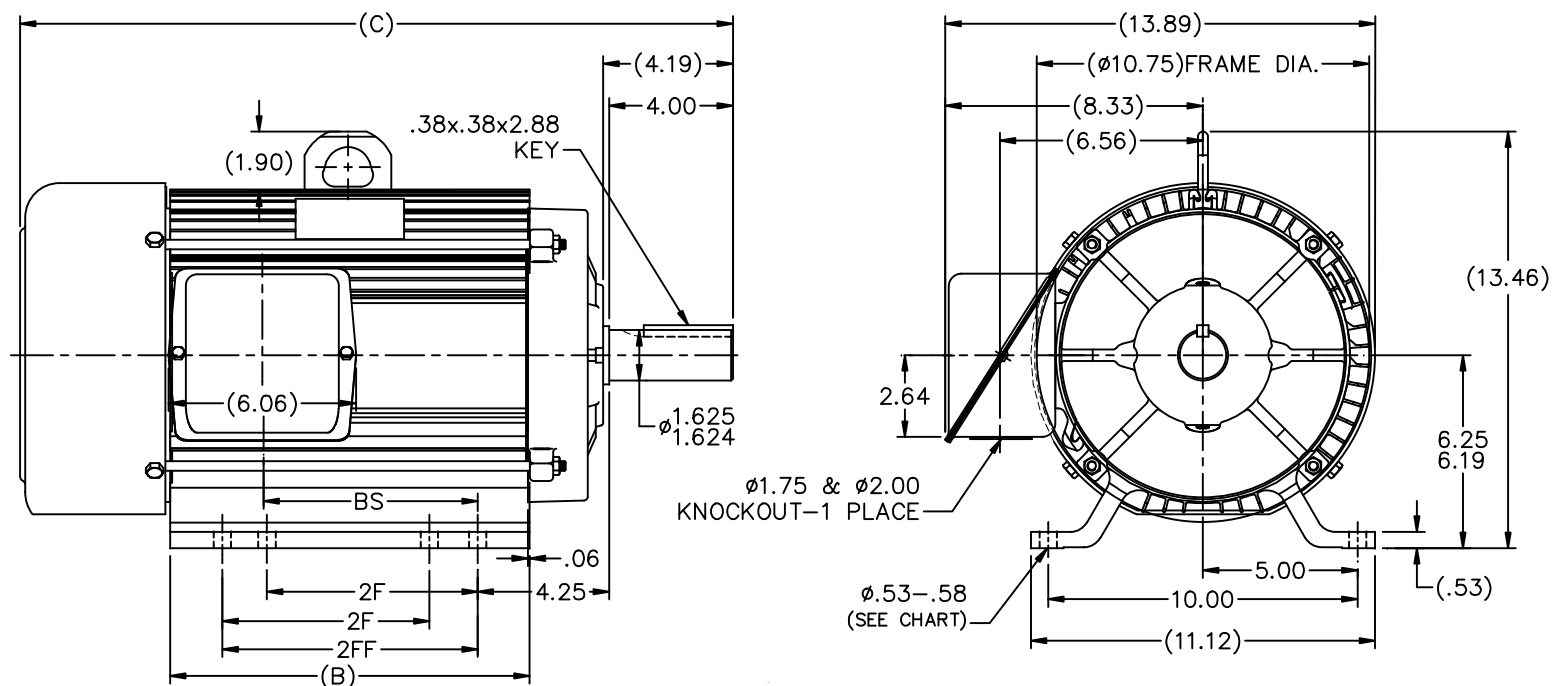
Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	200 V
Current	40.5 A	Speed	3510 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
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	2	Rotation	Reversible
Resistance Main	.675 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	22.49 in
Frame Length	11.00 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS330109-1100	Connection Drawing	A-EE7300

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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			SCALE 1=4
4	-1475; "2F" DIMENSION WAS 12.00 CN 46434	DRS 05-08-2006	ML	.XXX	±.005	TITLE OUTLINE	REF
3	REVISED DASH 1475 / 2F WAS 11.50 CN46368	RJW 02-14-2006	ML	.XXX	±.0005	MAT'L	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	PREV
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						CAD FILE ss330109	
						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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