

# PRODUCT INFORMATION PACKET



Model No: 256TTFL15027

Catalog No: H274

20 HP General Purpose Motor, 3 phase, 1800 RPM, 200 V, 256T Frame, TEFC  
General Purpose Motors

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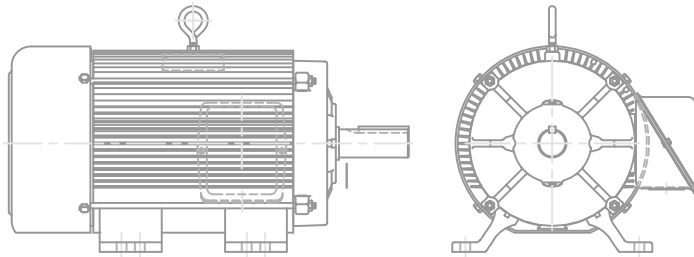
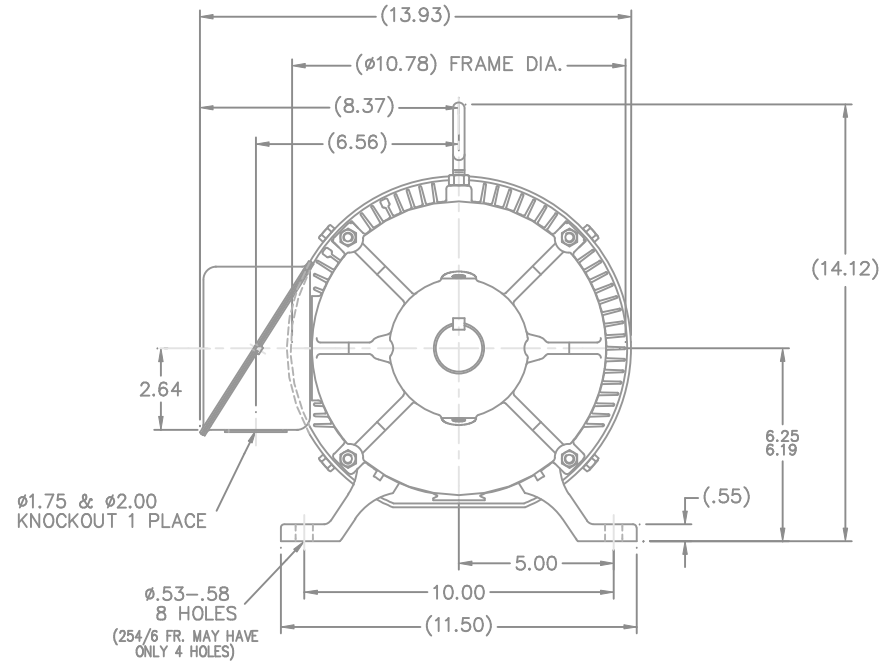
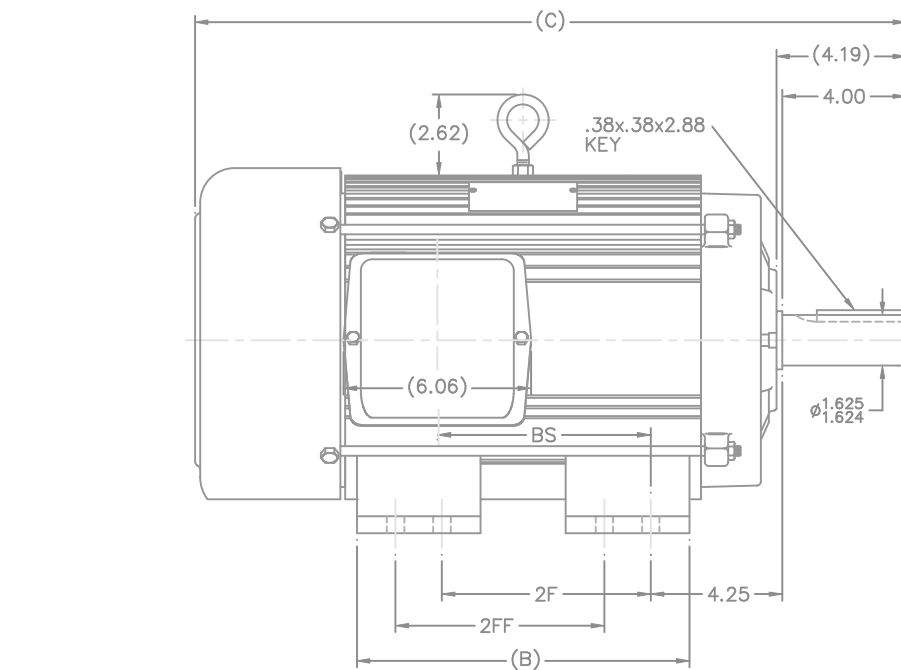
**Nameplate Specifications**

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	200 V
Current	60.0 A	Speed	1755 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	256T	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	N	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	.484 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	24.74 in
Frame Length	13.25 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300U	Outline Drawing	B-SS84242-1325

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F2 CONDUIT BOX LOCATION

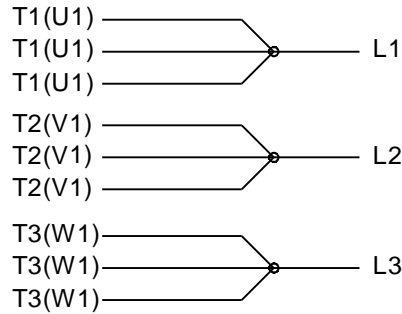
## NOTES:

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

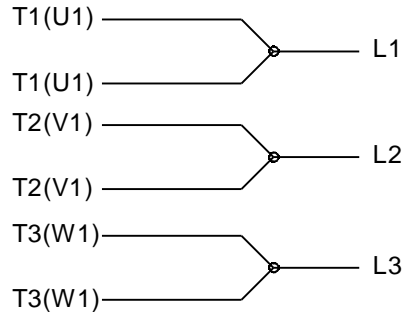
DASH	FRAME	B	C	2F	2FF	BS	
						F1	F2
1100	254T	10.75	22.49	8.25	—	6.40	—
1150	254T	10.75	22.99	8.25	—	6.90	1.35
1275	256T	12.50	24.24	10.00	—	8.40	1.35
1325	254T	10.75	24.74	8.25	8.25	8.65	N/A
1325	256T	12.50	24.74	10.00	—	8.65	1.35
1475	254T	12.50	26.24	8.25	—	8.65	1.35
1475	256T	14.25	26.24	10.00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

## IF MOTOR HAS 9 LEADS



## IF MOTOR HAS 6 LEADS



A-9806 DECAL IF CALLED FOR

## IF MOTOR HAS 12 LEADS



VIEW OF TERMINAL END

DRAWING REVISION L	REVISION BY AJW	DATE 05-04-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: <div><div>DEC.</div><div>INCH</div><div>mm</div><div>ANGLE</div></div> <div><div>.X</div><div>±0.1</div><div>[±2.5]</div><div>±7° 30"</div></div> <div><div>.XX</div><div>±0.02</div><div>[±0.51]</div></div> <div><div>XXX</div><div>±0.005</div><div>[±0.127]</div></div> <div><div>.XXXX</div><div>±0.0005</div><div>[±0.0127]</div></div> <div>REMOVE BURRS &amp; BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [0.51] MACHINED SURFACES: 200 <div>INCH</div> 5.1 <div>mm</div><div>mm SHOWN IN [BRACKETS]</div></div>		DRAWN BY DRS	<div><div>REGAL™</div><div>Regal Beloit America, Inc.</div></div>				
ECO ECO-0077067	APPROVED BY EWH	DATE 05-05-2015			DATE 09-27-1996	DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø SINDLE VOLTAGE				
ECO DESCRIPTION UPDATED TO SOLIDWORKS			APPROVED BY GK		MATERIAL		PROCESS/FINISH			
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REFERENCE			THIRD ANGLE PROJECTION		SIZE A		DRAWING NUMBER EE7300U		SHEET 1 OF 1	