

PRODUCT INFORMATION PACKET



Model No: 256TTFNA16564
Catalog No: 256TTFNA16564
20,1800,TEFC,3/60/480

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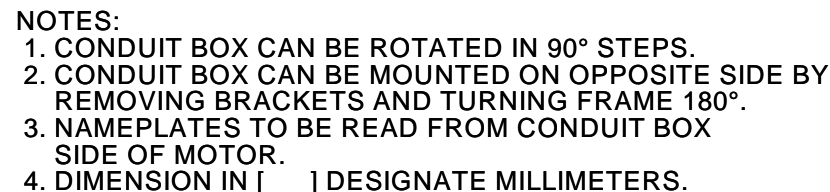
Nameplate Specifications

Phase	3	Output HP	20 Hp
Output KW	14.9 kW	Voltage	480 V
Speed	1775 rpm	Service Factor	1.15
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	23.5 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	309	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.474 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS203694-1225	Connection Drawing	A-EE7300

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DASH	FRAME	B	C	2F	2FF	BS
1050	254T	10.25 [260.35]	34.14 [867.16]	8.25 [209.55]	---	4.12 [104.65]
1225	254/256T	12.00 [304.80]	35.89 [911.61]	8.25 [209.55]	10.00 [254.00]	5.00 [127.00]

DRAWING REVISION D	REVISION BY JJB	DATE 06-23-2017
ECO ECO-0126480	APPROVED BY DJK	DATE 07-12-2017
ECO DESCRIPTION		
UPDATED TO CURRENT STD'S.		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:


<u>DEC.</u>	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>
.X	±.1	[±.25]	±7° 30"
.XX	±0.03	[±.076]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	


REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45 °

CORNER FILLETS: R.02 [.51]

MACHINED SURFACES: $\frac{200}{\text{INCH}}$ $\frac{5.1}{\text{mm}}$

mm SHOWN IN [BRACKETS]

DRAWN BY	NJS
DATE	08-24-2001
APPROVED BY	GK
DATE	08-24-2001
REFERENCE	
THIRD ANGLE PROJECTION	

		Regal Beloit America, Inc.	
DESCRIPTION			
250T FR. - TEFC - BB - TS - CAST C'BOX - STEARNS BRAKE			
MATERIAL		PROCESS/FINISH	
SIZE B	DRAWING NUMBER SS203694		SHEET 1 OF 1

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

IF MOTOR HAS 9 LEADS

T1(U1) T1(U1) T1(U1) → L1

T2(V1) T2(V1) T2(V1) → L2

T3(W1) T3(W1) T3(W1) → L3

IF MOTOR HAS 6 LEADS

T1(U1) T1(U1) → L1

T2(V1) T2(V1) → L2

T3(W1) T3(W1) → L3

A-9806 DECAL



VIEW OF TERMINAL END


OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION AC	REVISION BY BS	REV DATE/© DATE 26/07/2022
REQUEST NUMBER CR-0010402	APPROVED BY SN	DATE 26/07/2022
REQUEST NUMBER DESCRIPTION DRAWING UPDATED		
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PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

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	