

PRODUCT INFORMATION PACKET

Model No: 213THTS8083
Catalog No: 213THTS8083
3,1200,TENV,213TC,3/60/460

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Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	460 V
Current	4.5 A	Speed	1175 rpm
Service Factor	1	Phase	3
Efficiency	87.5 %	Power Factor	73
Duty	Continuous	Insulation Class	H
Design Code	INV	KVA Code	K
Frame	213TC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	207
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	2.5 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	F3
Inverter Load	CONSTANT 1000:1		
Connection Drawing	A-EE7300T	Outline Drawing	B-SS89255-1000

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DRAWING REVISION E	REVISION BY NIV	REV DATE/© DATE 09-26-2022
REQUEST NUMBER NMR-0216517	APPROVED BY NIV	DATE 09-26-2022
REQUEST NUMBER DESCRIPTION UPDATED DRAWING AS PER CURRENT STD		
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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7° 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [0.08/.38] X 45°
CORNER FILLETS: R.02 [5]
MACHINED SURFACES: $\sqrt[200]{\text{INCH}}$ $\sqrt[5.1]{\text{mm}}$
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY	RWR
DATE	10-28-2005
APPROVED BY	CAV
DATE	12-02-2005
REFERENCE	LO2618
THIRD ANGLE PROJECTION	

		Regal Beloit America, Inc.	
DESCRIPTION		OUTLINE 210T FR. - TENV - F3	
MATERIAL		PROCESS/FINISH	
SIZE B	DRAWING NUMBER SS89255		SHEET 1 OF 1

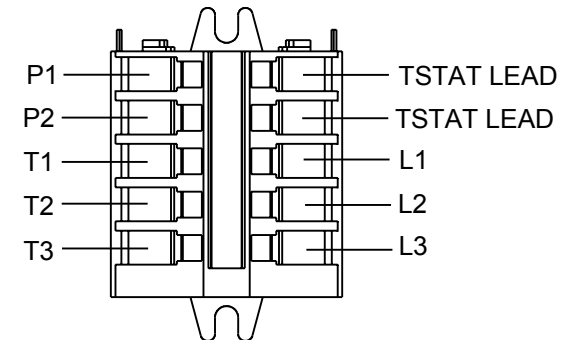
DASH	FRAME	AG	B	C	2F	2FF	BS
1000	213/5TC	19.67	9.75	22.80	5.50	7.00	2.38

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

T2BM
T6AW
T6AL
T6Z
T4EG
T4BF
T8A
T6H
T6A
T4AX
T4A
T2A
T2F

DRAWING REVISION AB	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T.VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC-60034-8		
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DRAWN BY LZ	DATE 01-04-1994
APPROVED BY GK	DATE 01-20-1994
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR	
MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7300T
SHEET 1 OF 1	