

PRODUCT INFORMATION PACKET

Model No: 256THTNA18570
Catalog No: 256THTNA18570
13.5,1800,TENV,256TC,3/60/460

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Nameplate Specifications

Output HP	13.50 Hp	Output KW	10.1 kW
Frequency	60 Hz	Voltage	460 V
Current	16.5 A	Speed	1772 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	82
Duty	Continuous	Insulation Class	H
Design Code	A	KVA Code	L
Frame	256TC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Ambient Temperature	45 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	309
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.51 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
Inverter Load	CONSTANT 1000:1		
Connection Drawing	A-EE7300T	Outline Drawing	B-SS203793-1225

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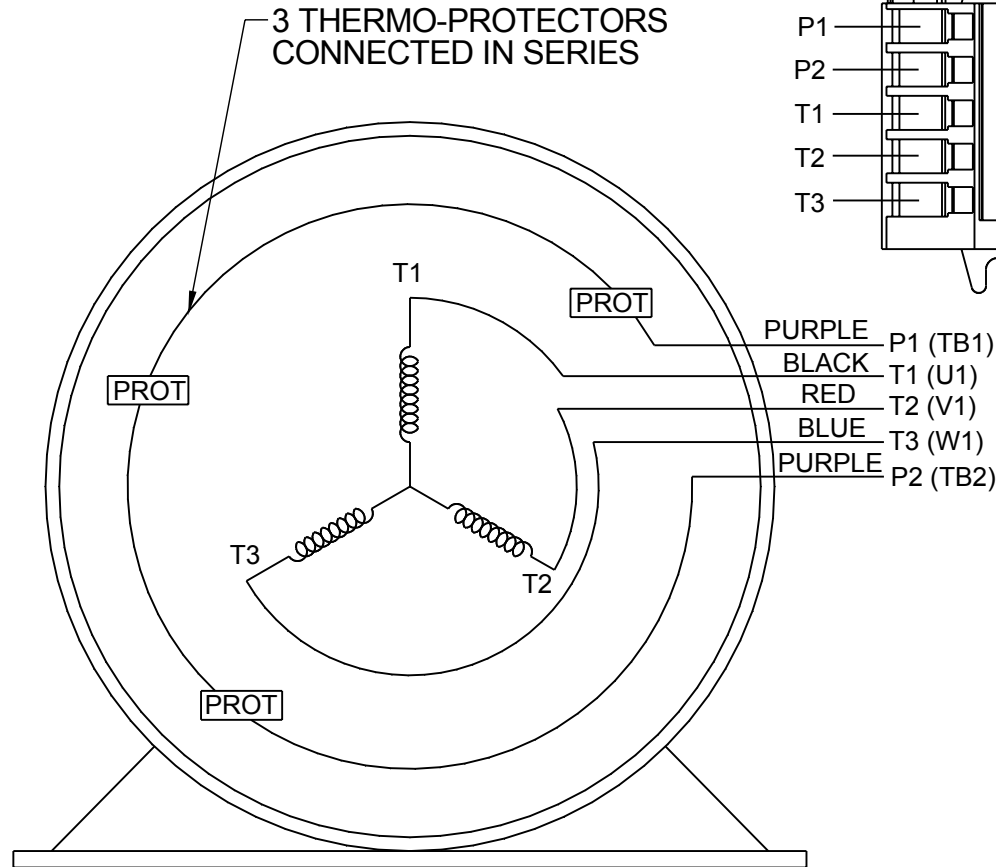
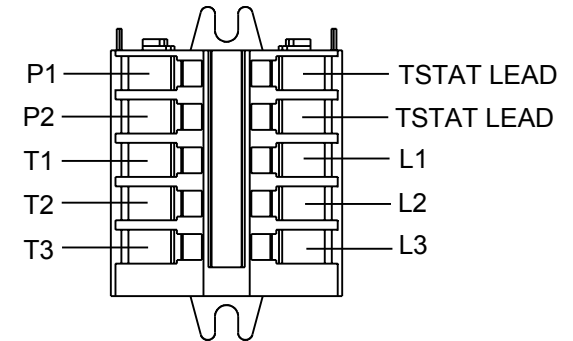
- | | | | | | | | | | | | | | |
|--|--|--------------------|--|-------------------------------|--|--|--|--------------------|--|---|--|-----------------|--|
| DRAWING REVISION
D | | REVISION BY
NIV | | REV DATE/© DATE
06-03-2022 | | TOLERANCES (EXCEPT AS NOTED):
DEC. INCH mm ANGLE
.X ±0.1 [±3] ±7° 30"
.XX ±0.03 [±0.8]
.XXX ±0.005 [±0.13]
.XXXX ±0.0005 [±0.013] | | DRAWN BY
CTO | |  <div>Regal Beloit America, Inc.</div> | | | |
| REQUEST NUMBER
NMR-0214543 | | APPROVED BY
NIV | | DATE
06-03-2022 | | | | DATE
04-29-2003 | | | | | |
| REQUEST NUMBER DESCRIPTION
UPDATED DRAWING AS PER CURRENT STD | | | | | | REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200 INCH mm 5.1 | | APPROVED BY
CAV | | DESCRIPTION
<div>OUTLINE</div> 250T FR-TENV-C'FACE-BB-TS-STEARN5 87K BRK-ST85 TACH | | | |
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04-30-2003 | | | | | |
| | | | | | | REFERENCE | | MATERIAL | | PROCESS/FINISH | | | |
| | | | | | | THIRD ANGLE PROJECTION  | | SIZE
B | | DRAWING NUMBER
SS203793 | | SHEET
1 OF 1 | |

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

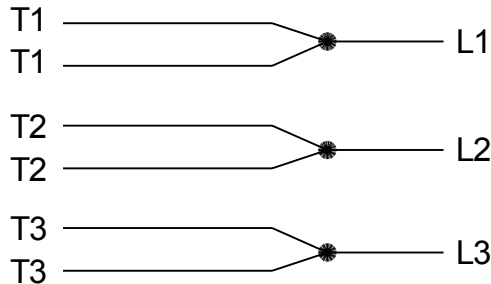
NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

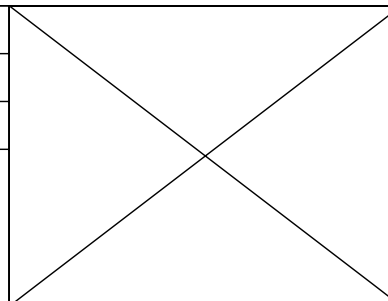
IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



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	 Regal Beloit America, Inc.	
DATE 01-04-1994		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR	
DATE 01-20-1994		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7300T
		SHEET 1 OF 1