

PRODUCT INFORMATION PACKET

Model No: 182TTGN12555
Catalog No: 182TTGN12555
3,1800,EPFC,182TCV,3/60/460

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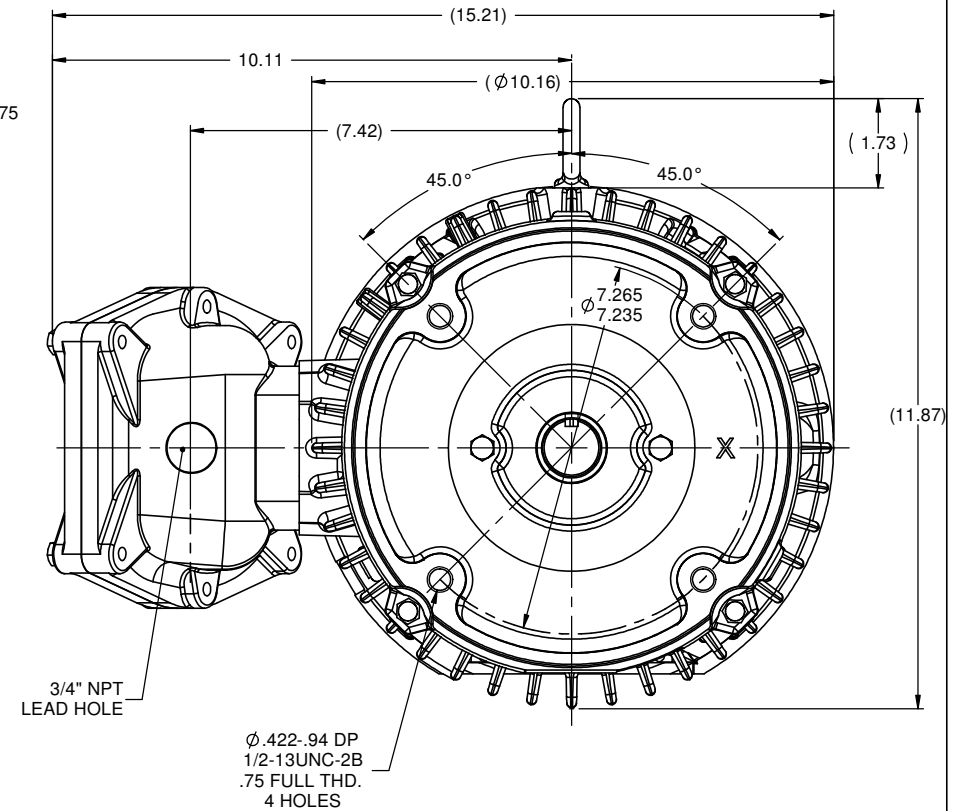
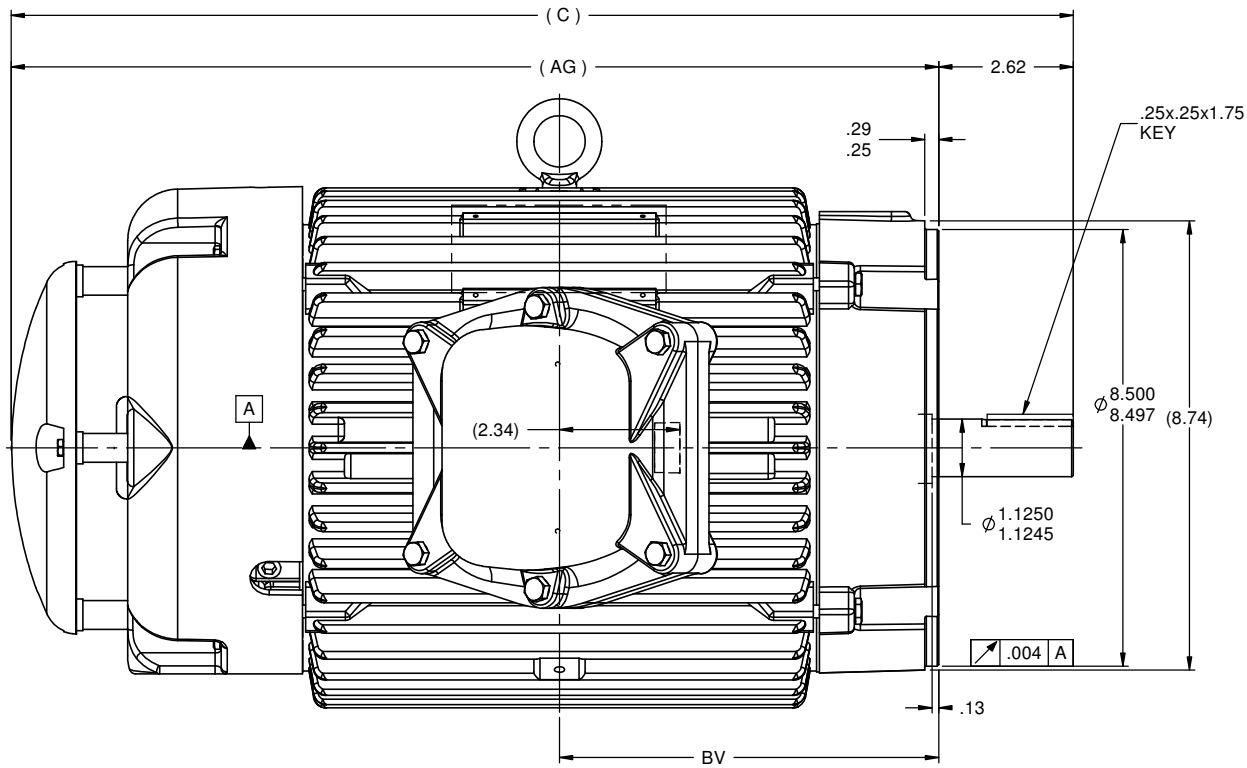
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	460 V
Current	4.0 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182TCV	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6206
UL	No	CSA	N
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR C&D T3B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	3.76 Ohms	Mounting	Round
Motor Orientation	Shaft Down	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 10:1		
Outline Drawing	035733-1000	Connection Drawing	EE7300T

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NOTES:

1. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
2. CONDUIT BOX CAN ROTATED IN 90° STEPS.
3. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180° THIS MODIFICATION CAN BE PERFORMED ONLY BY THE ORIGINAL EQUIPMENT MANUFACTUREER, OR BY A FACILITY THAT IS COVERED UNDER UNDERWRITERS LABORATORIES INC. CATEGORY PTKQ. TITLED "MOTORS AND GENERATORS REBUILT FOR USE IN HAZARDOUS LOCATIONS".

1000	182/184	20.60	18.02	7.38
DASH	FRAME	C	AG	BV

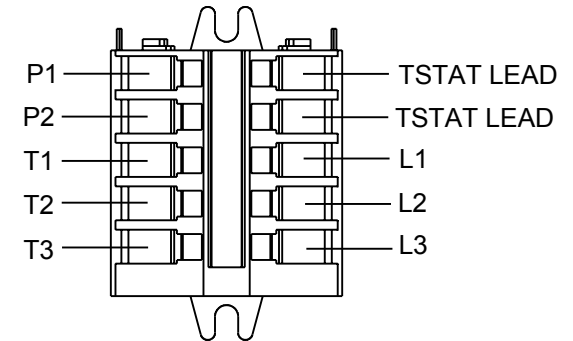
			TOLERANCES UNLESS SPECIFIED		DRAWN ST 5-26-2009 CHK VV 5-28-2007 APPR SCALE 7:16 REF 035697.00 FMF PREV
			DEG INCHES		
			X ±.1		
			.XX ±.03		
			.XXX ±.005		
			.XXXX ±.0005	TITLE OUTLINE-EPFC ROUND FRAME - C' FACE 180 FR. - CAST C'BOX MAT'L FINISH	SIZE B
NO	REVISION	BY & DATE	CHK ANG ±7°30"		
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			DIST WA - NLV	REV	

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

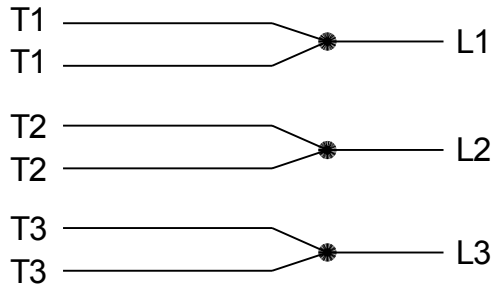
TERMINAL BLOCK WHEN SPECIFIED



PURPLE P1 (TB1)
BLACK T1 (U1)
RED T2 (V1)
BLUE T3 (W1)
PURPLE P2 (TB2)

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


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



A-9806 DECAL

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