

PRODUCT INFORMATION PACKET

Model No: 182TTGS4036

Catalog No: C368

Other Purpose Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 182TC Frame, EPFC

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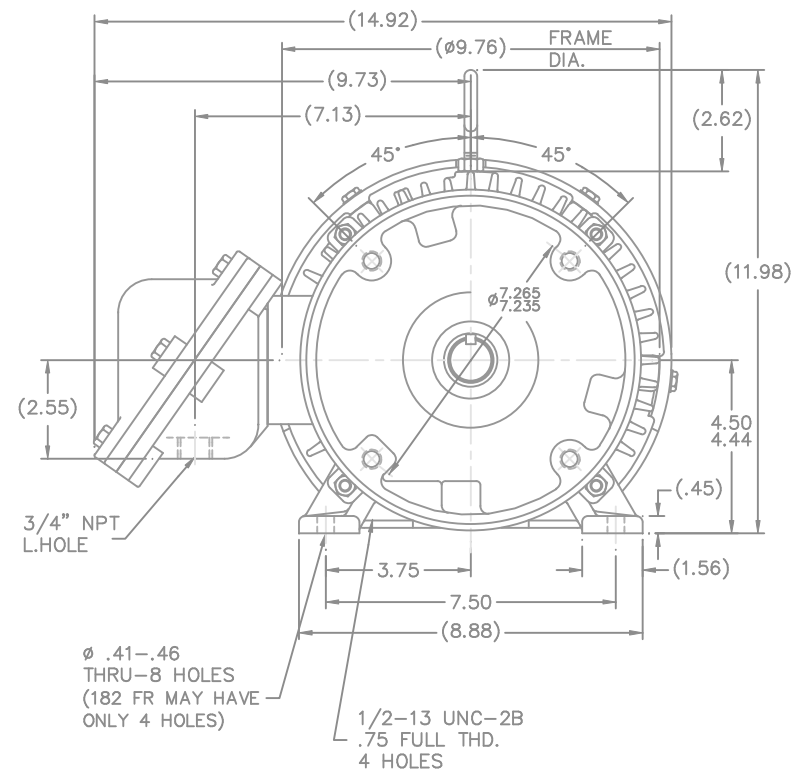


Nameplate Specifications

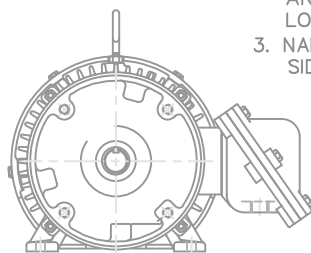
Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	575 V
Current	3.4 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Listed	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	4.65 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	16.94 in
Frame Length	6.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 10:1		
Connection Drawing	A-EE7300T	Outline Drawing	B-SS68746-675



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



F2 MOUNTING

DASH	FRAME	B	2F	2FF	2FFF	BS	MOUNTING	C CAST FAN GUARD	C STEEL FAN GUARD	AG CAST FAN GUARD	AG STEEL FAN GUARD
575	182TC	5.50	4.50	—	—	2.25	F1 ONLY	15.94	15.62	13.32	13.00
675	182/4TC	6.50	5.50	4.50	4.50	2.25	F1 OR F2	16.94	16.62	14.32	14.00
800	182TC	7.75	6.75	4.50	4.50	3.37	F1 OR F2	18.19	17.87	15.57	15.25
800	184TC	7.75	6.75	5.50	5.50	3.37	F1 OR F2	18.19	17.87	15.57	15.25

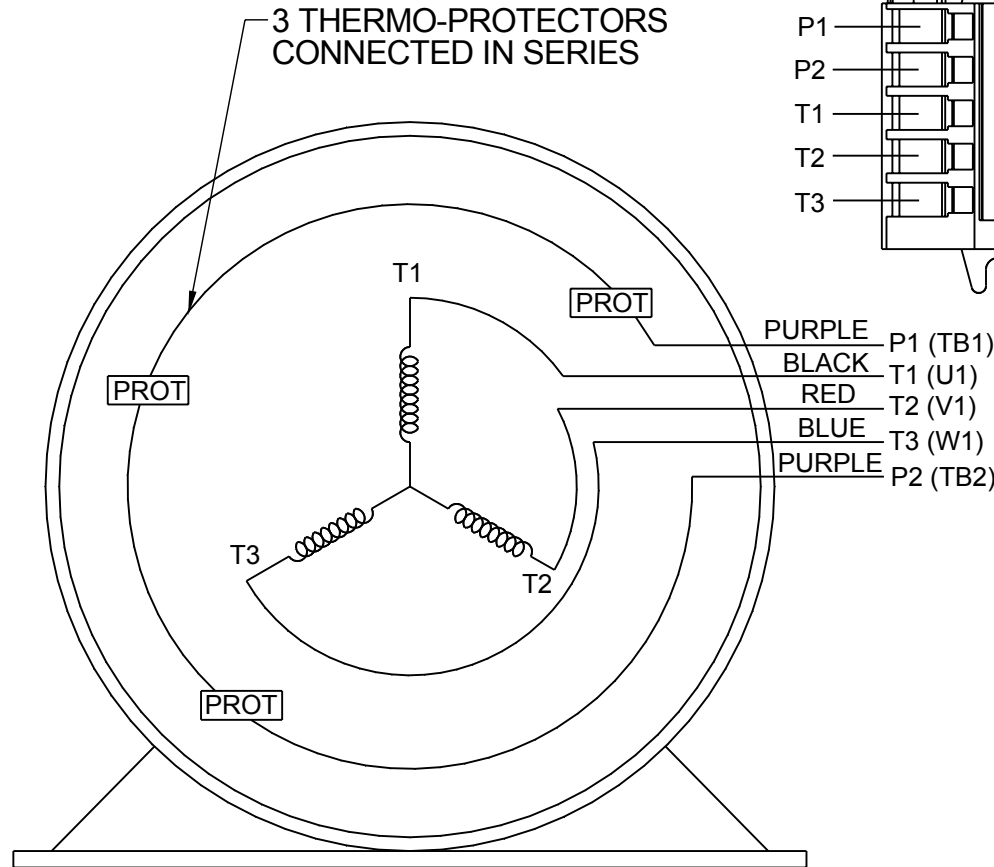
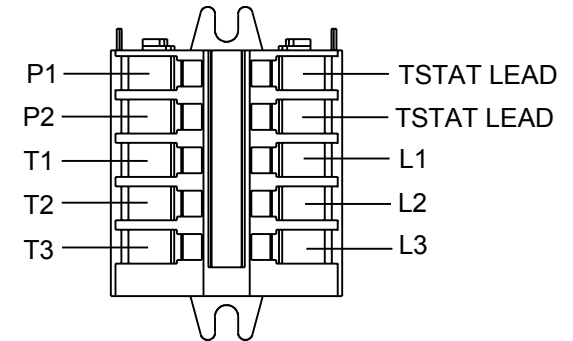
10	NOTE UP DATED AS PER CN NO.40800.	ST	2/20/2007	SL	TOLERANCES UNLESS SPECIFIED		DRAWN	MRB	02-25-199	
9	REMOVED DASH 675 - 184TC FR.	TJW	06/22/2006	ML	DEC. INCHES		CHK	ML	03-01-1999	
8	ADDED GEOMETRIC TOLERANCES CN 32189	NJS	03-27-2003	ML	X ±.1		APPD	GK	03-01-1999	
7	DASH 675 - 182TC FR.; 'B' DIM. WAS 5.50 CN 31976	DRS	12-17-2002	ML	.XX ±.03		SCALE	5=16		
6	ADDED F2 MOUNTING VFW MU40045	NJS	01-16-2002	ML	.XXX ±.005		REF			
5	UPDATED 2F, 2FF, 2FFF ON - 675-182TC FR. CN 31549	DRS	04-30-2001	ML	.XXXX ±.0005		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH		PREV		
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							B	SS68746	1	

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

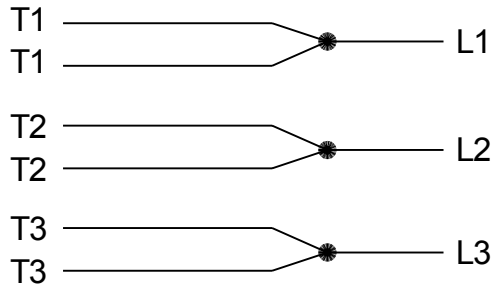
NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

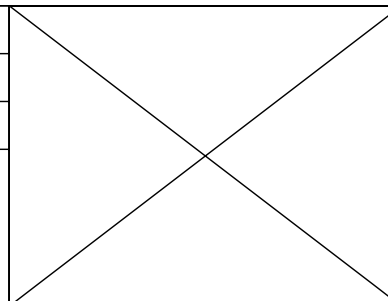
IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



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