

PRODUCT INFORMATION PACKET

Model No: 215TTGS4030

Catalog No: U026

Explosion Proof Motor, 10 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 215T Frame, EPFC

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Nameplate Specifications

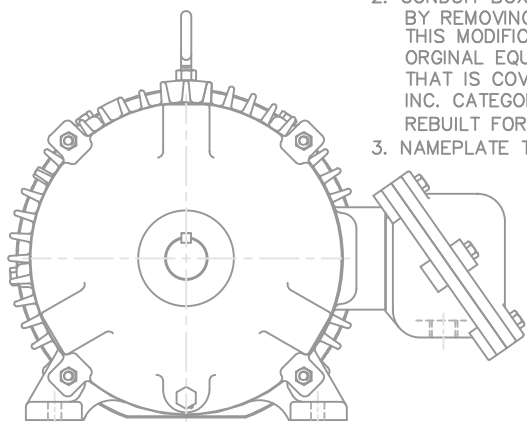
Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	575 V
Current	10.0 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	215T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR D CL II GR F&G T3B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	1.18 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	20.91 in
Frame Length	10.00 in	Shaft Diameter	1.375 in
Shaft Extension	3.41 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	B-SS84370-1000	Connection Drawing	A-EE7300T




1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. 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 MANUFACTURER, OR BY A FACILITY THAT IS COVERED UNDER UNDERWRITERS LABORATORIES INC. CATEGORY PTKQ, TITLED "MOTORS AND GENERATORS,, REBUILT FOR USE IN HAVARDOUS LOCATION".
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.



F2 MOUNTING

DASH	FRAME	B	2F	2FF	2FFF	BS	C	C
							CAST FAN GUARD	STEEL FAN GUARD
725	213T	7.00	5.50	—	—	2.75	18.16	18.68
875	215T	8.50	7.00	—	—	3.50	19.66	20.18
875	213/5T	8.50	7.00	5.50	5.50	3.50	19.66	20.18
1000	213T	9.75	8.25	5.50	5.50	4.12	20.91	21.43
1000	215T	9.75	8.25	7.00	7.00	4.12	20.91	21.43

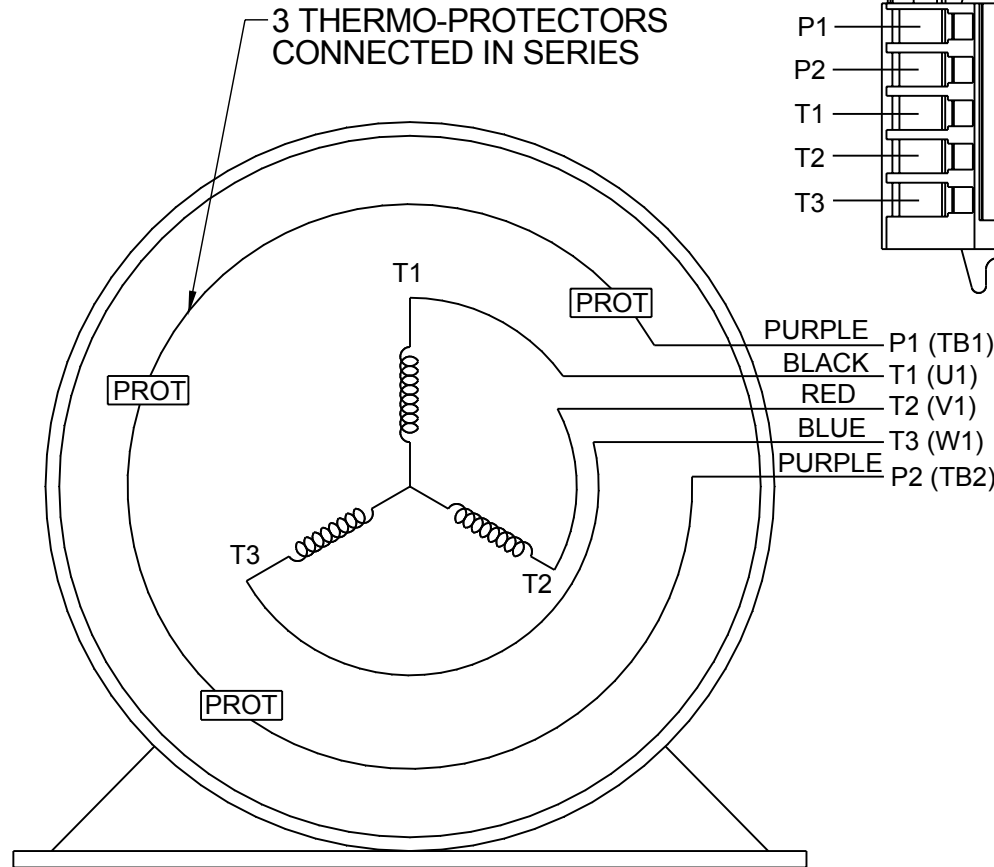
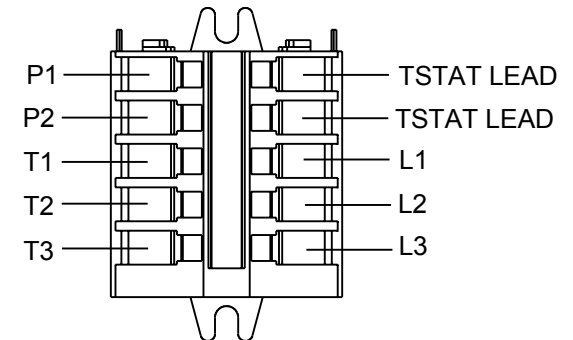
9	REVISE FRAME TO C'BOX LOCATION PER PARTS	RWR 07-10-2007		TOLERANCES UNLESS SPECIFIED		DRAWN DT 08-25-1995
8	UPDATED DRAWING	TJW 04-27-2007	ML	DEC. INCHES		CHK ML 08-29-1995
7	MODIFIED NOTE AS PER CN 40800	TJW 01-10-2007	ML	.X ±.1		APPD GK 08-29-1995
6	REDRAWN IN AUTOCAD	TAT 08-29-2004	ML	.XX ±.03		SCALE 5=16
5	REVISED DASH TABLE AND FOOT HOLE DIMENSIONS			.XXX ±.005		REF
4	WAS "A" SIZE CN 27451	MWB 03-25-1999		.XXXX ±.0005		FIMF
NO.	REVISION	BY & DATE	CHK	ANG ±7°30'	FINISH	PREV
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				DIST LB	B	DRAWING NO. PAGE OF SS84370
						REV

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

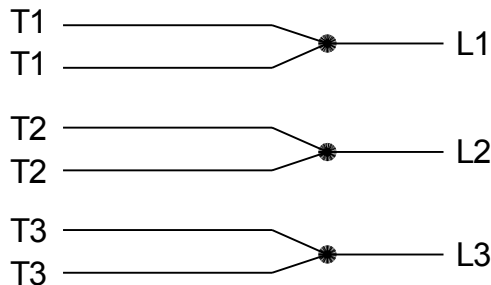
NOTE FOR FACTORY USE ONLY:
TO SURGE TEST:
FOR 3 LEAD COMMON CONNECT:
CONNECT P1 TO T1 THEN P2 TO L1
FOR 6 LEAD COMMON CONNECT:
CONNECT P1 TO BOTH T1
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

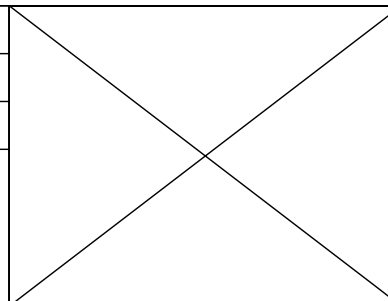
IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S




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