

PRODUCT INFORMATION PACKET



Model No: 182TTGCD36527
Catalog No: 182TTGCD36527
3,1800,EPFC,182TCZ,3/60/230/460

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Nameplate Specifications

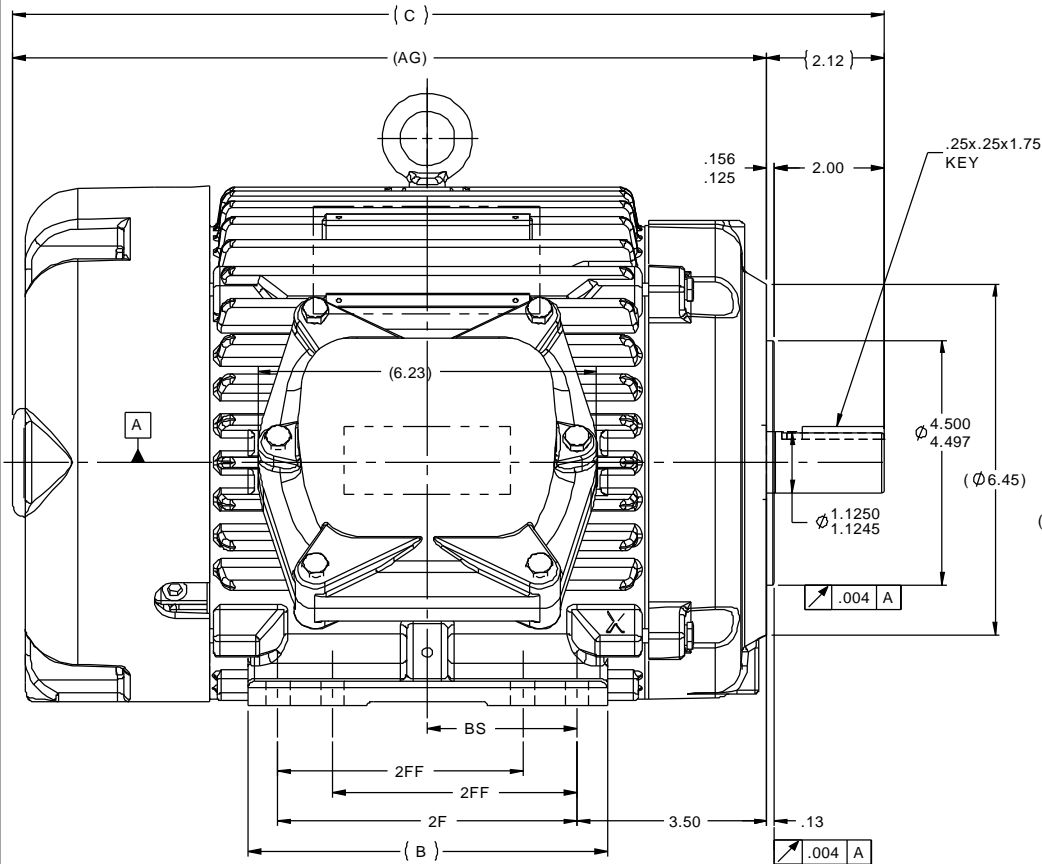
Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	230/460 V
Speed	1762 rpm	Service Factor	1.15
Frame	182TCZ	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	89.5 %
Ambient Temperature	55 °C	Frequency	60 Hz
Current	8.0/4.0 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6206
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	55
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D T3B

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	4.15 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Shaft Diameter	1.125 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035680-800	Connection Drawing	EE7308T

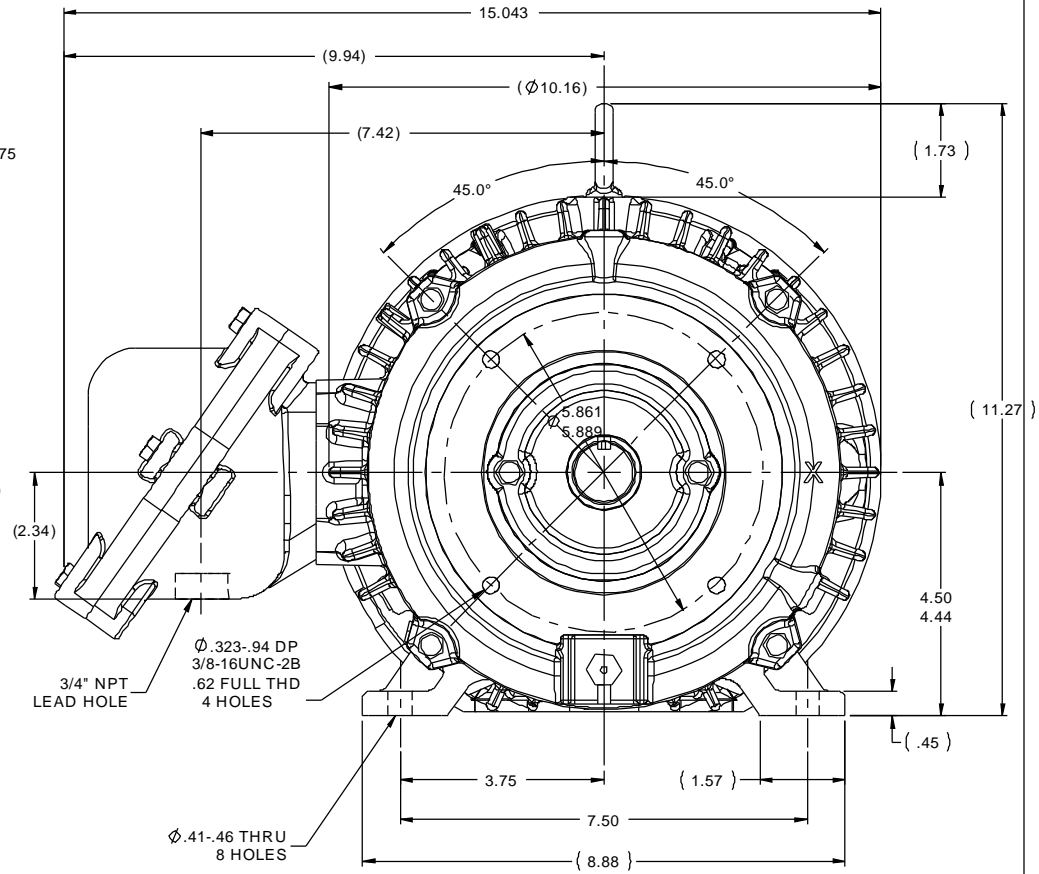
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035680



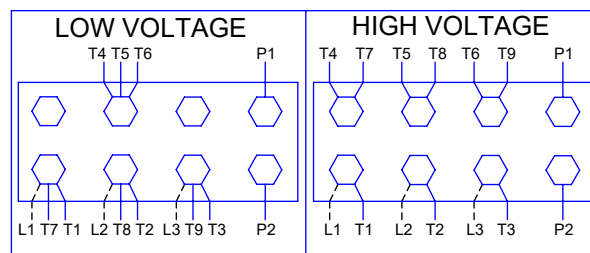
NOTES:

1. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
2. CONDUIT BOX CAN BE 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 MANUFACTURER, OR BY A FACILITY THAT IS COVERED UNDER UNDERWRITERS LABORATORIES INC. CATEGORY PTKQ. TITLED "MOTORS AND GENERATORS REBUILTS FOR USE IN HAZARDOUS LOCATIONC"

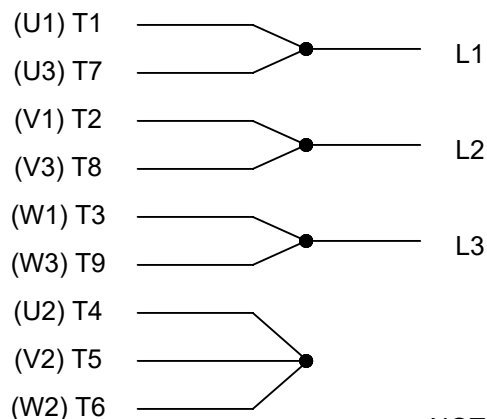


1000	184	18.00	15.86	8.61	7.50	5.50	3.75
800	182/184	16.00	13.86	6.61	5.50	4.50	2.75
DASH	FRAME	C	AG	B	2F	2FF	BS

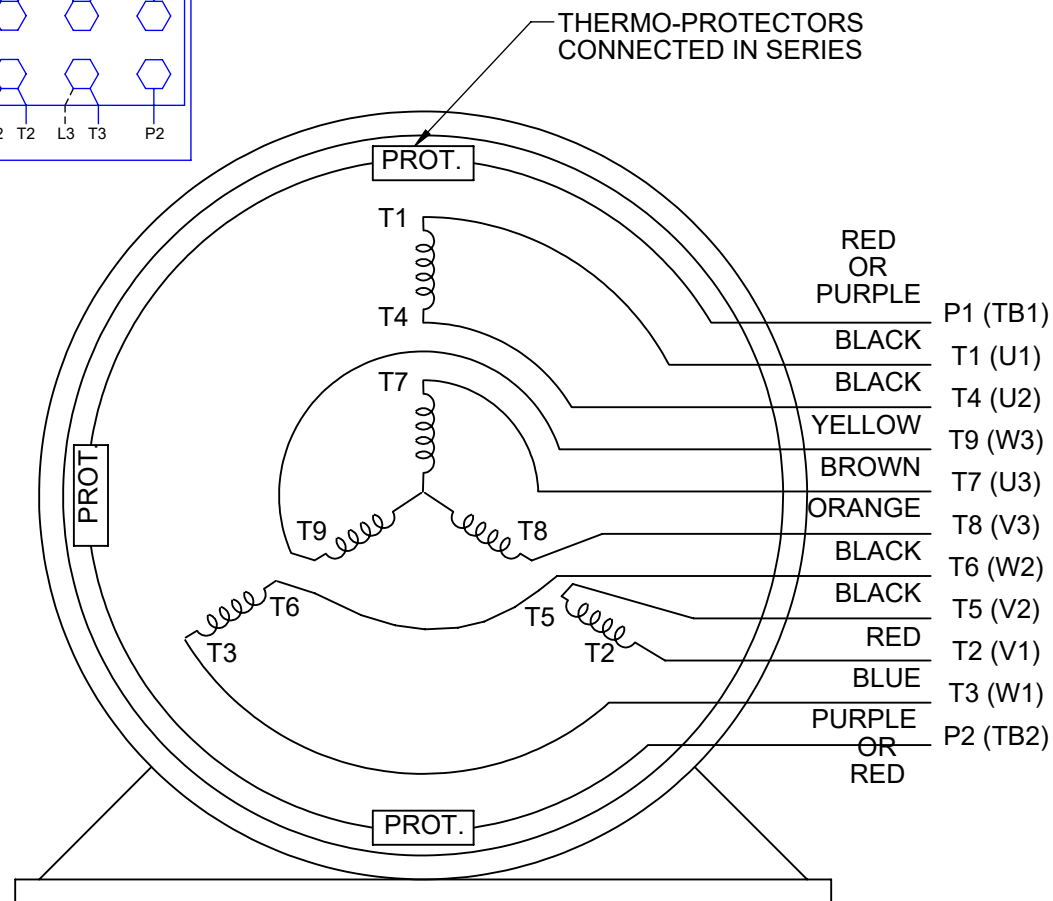
				TOLERANCES UNLESS SPECIFIED			DRAWN UD 04/09/13	
				DEC	INCHES		CHK ST 04/09/13	
				X	±.1		APPR	
				XX	±.03		SCALE 7:16	
				XXX	±.005		REF 035670.00	
				XXXX	±.0005	MAT'L	FMF	
				NO	REVISION	BY & DATE	FINISH	PREV
				CHK	ANG	±7°30"		
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				RFP			CAD FILE 035680	SIZE
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								DRAWING NO
								035680
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LOW VOLTAGE






THREE PHASE DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T		REVISION BY ZR		DATE 01-14-2019			DRAWN BY SMC		 Regal Beloit America, Inc.						
ECO ECO-0159915		APPROVED BY DR		DATE 01-15-2019			DATE 05-13-1992		DESCRIPTION CONN DIAGRAM-INTERNAL 3 PHASE - DUAL VOLTAGE MOTOR						
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							DATE 05-13-1992								
							REFERENCE EE7308/EE7300		MATERIAL		PROCESS/FINISH				
						THIRD ANGLE PROJECTION				SIZE A		DRAWING NUMBER EE7308T		SHEET 1 OF 1	