

PRODUCT INFORMATION PACKET

Model No: 182TTGN6541
Catalog No: U989-P
3,1800,EPFC,182T,3/60/230/460
Explosion Proof



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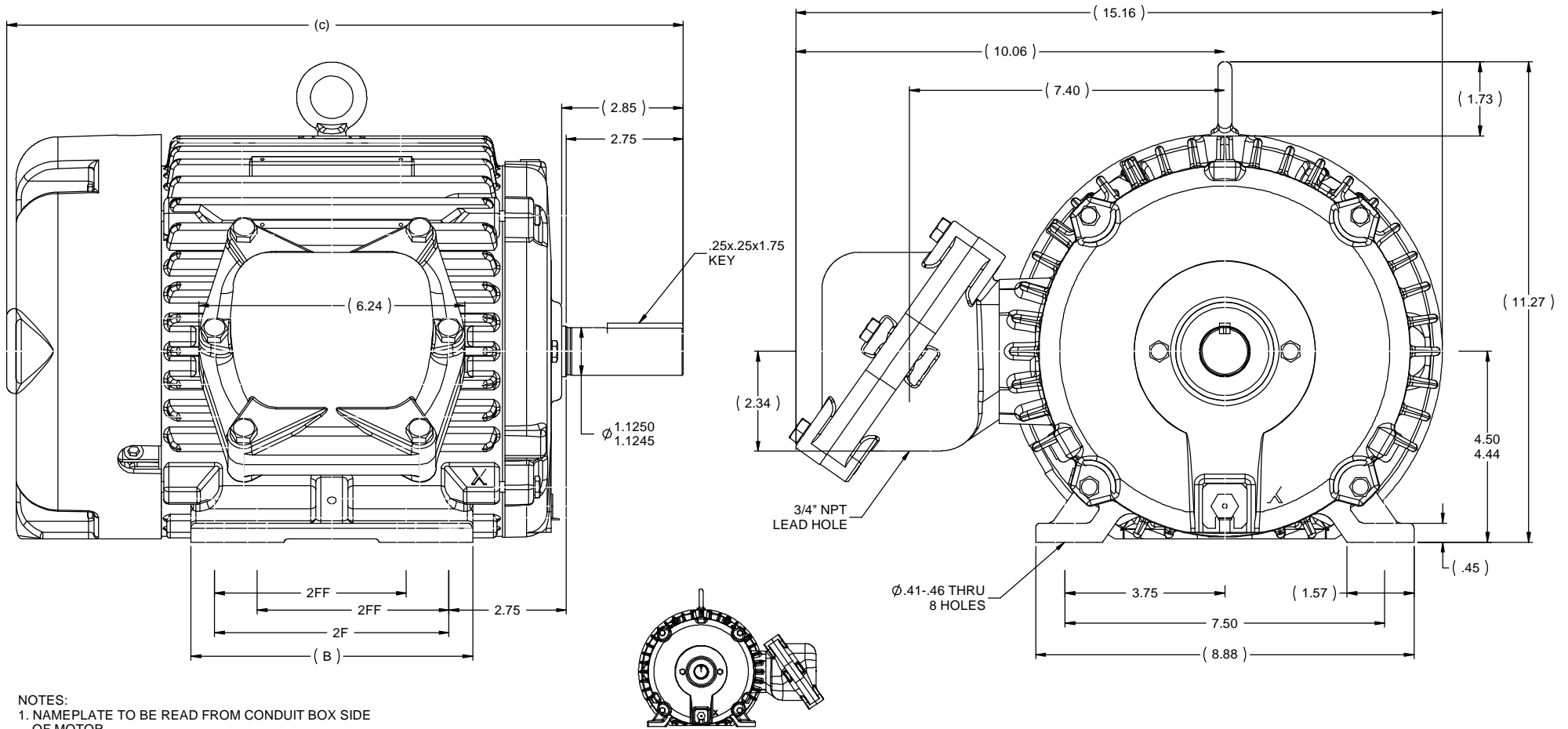
Nameplate Specifications

Output HP	3 Hp	Output KW	2.24 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8/4 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	K	Frame	182T
Enclosure	EPFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6206	UL	No
CSA	N	CE	N
IP Code	54		

Technical Specifications

Electrical Type	SQ CAGE INV RATED	Starting Method	LINE OR INVERTER
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	CAST IRON	Shaft Type	T
Overall Length	15.87 in	Frame Length	8 in
Shaft Diameter	1.13 in	Shaft Extension	2.85 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035660-800	Connection Diagram	A-EE7308T

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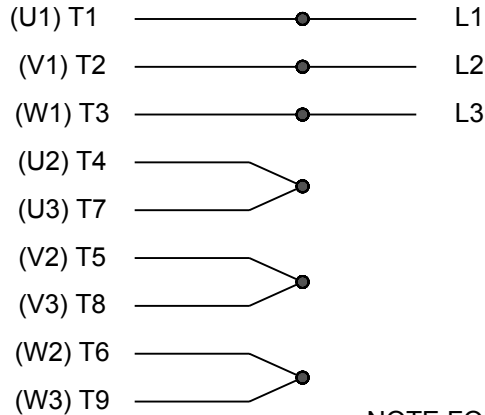
- NOTES:
 1. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 2. CONDUIT BOX CAN ROTATED IN 90 ° STEPS.
 3. CONDUIT BOX CAN MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180 °. THIS MODIFICATION CAN BE PERFORMED ONLY BY THE ORIGINAL EQUIPMENT MANUFACTURER, OR BY A FACILITY THAT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

F2 LOCATION →

1000	184	17.87	8.61	7.50	5.50	3.75
800	182/184	15.87	6.61	5.50	4.50	2.75
DASH	FRAME	C	B	2F	2FF	BS

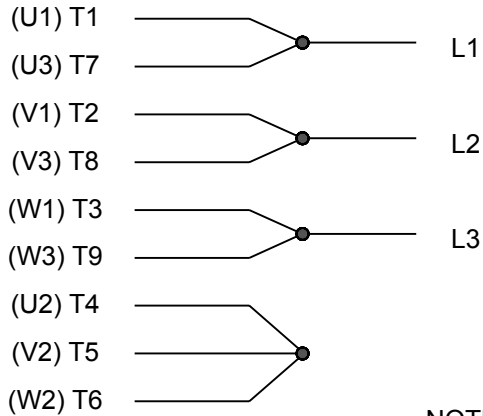
				TOLERANCES UNLESS SPECIFIED				DRAWN CTO 07-05-2007	
				DEC	INCHES			CHK ML 3/26/2008	APPR SW 3/26/2008
3	ADDED F2 VIEW.	ST 11/04/2011	AK .XX	±.03	TITLE OUTLINE - EPFC		SCALE 7:16		
2	CHANGED 1000 FRAME FROM 182/184 TO 184 ISAAC 11-2933	KBB 6/28/2011	EH .XXX	±.005	180 FR.		REF		
1	CHGD 1000 FRAME DIM FROM 2.75 TO 3.75	PN 2/10/2011	AJ .XXXX	±.0005	MATL		FMF		
NO	REVISION	BY & DATE	CHK	ANG ±7.30"	FINISH		PREV		
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				DIST WA - NLV	B		035660	3	

HIGH VOLTAGE



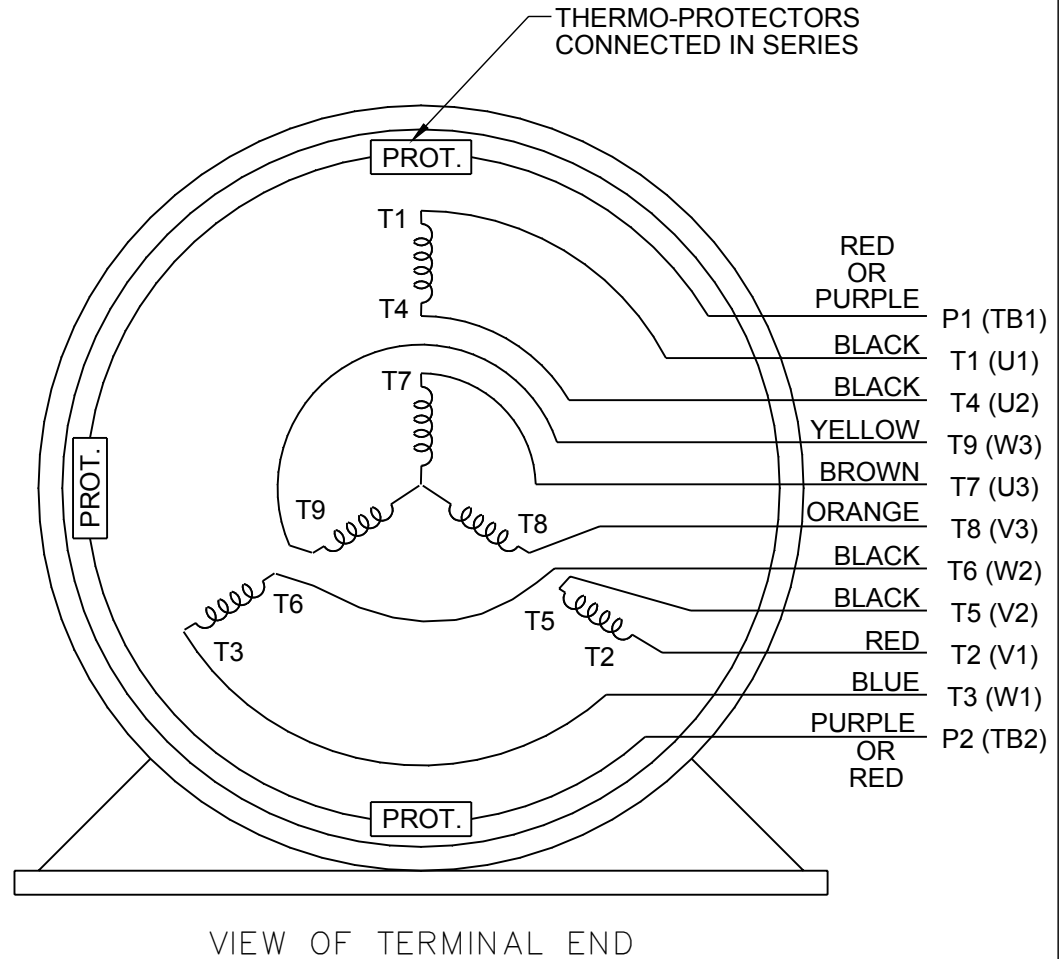
**NOTE FOR FACTORY USE ONLY:
 TO SURGE TEST FOR COMMON CONNECT:
 HIGH VOLT: CONNECT P1 TO T1
 THEN P2 TO L1
 LOW VOLT: CONNECT P1 TO T1 & T7,
 THEN P2 TO L1**

LOW VOLTAGE



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

THREE PHASE DUAL VOLTAGE MOTOR



DRAWING REVISION R	REVISION BY AJW	DATE 07-17-2015		DRAWN BY SMC	Regal Beloit America, Inc.
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015		DATE 05-13-1992	
ECO DESCRIPTION REV'D IEC NOTATIONS PER IEC 60034-8				APPROVED BY TB	DESCRIPTION CONN DIAGRAM-INTERNAL
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			REFERENCE EE7308/EE7300	MATERIAL	PROCESS/FINISH
			THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7308T

