

# PRODUCT INFORMATION PACKET



Model No: 182TTGN12574  
Catalog No: 182TTGN12574  
3/2,1800/1500,EPFC,182TCZ,3/60/50/230/460#190/380

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**Nameplate Specifications**

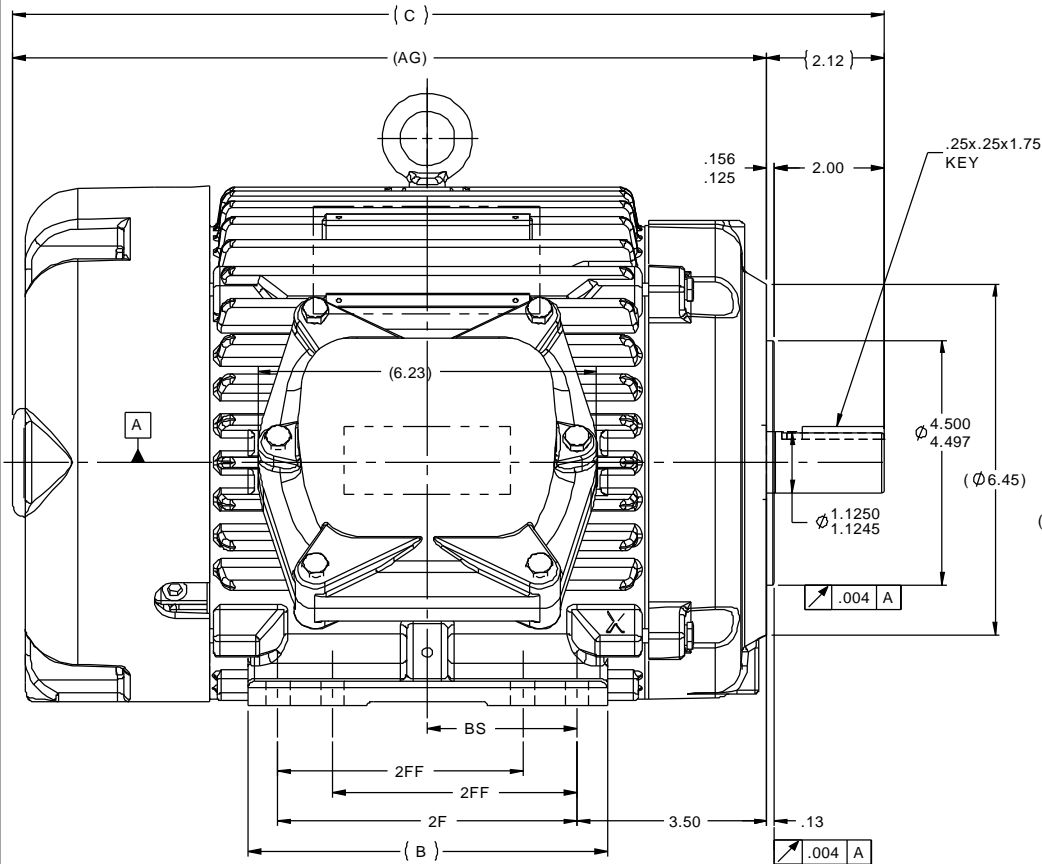
Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	230/460 V
Speed	1765 rpm	Service Factor	1.15
Frame	182TCZ	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	90.2 %
Ambient Temperature	60 °C	Frequency	60 Hz
Current	8.0/4.0 A	Power Factor	80
Duty	Continuous	Insulation Class	F
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	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR D T2A

**Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	3.76 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	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035680-800	Connection Drawing	EE7308T

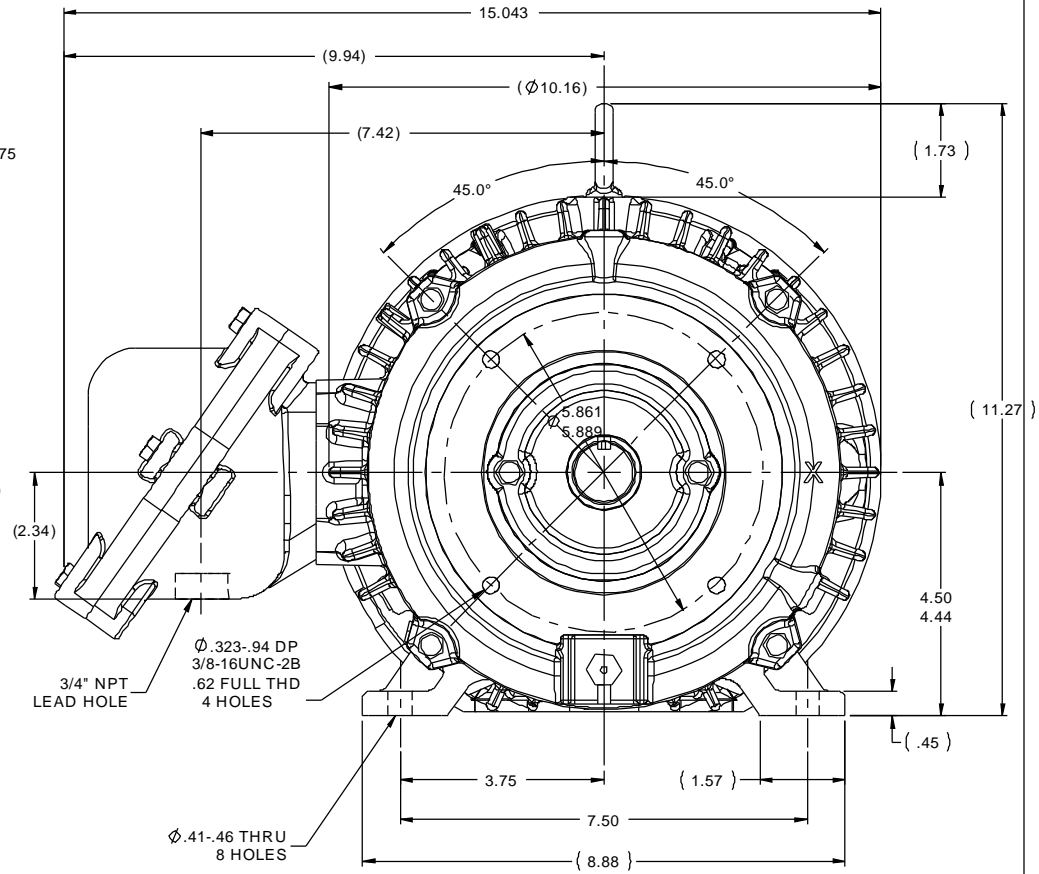
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035680



## 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	
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				XXXX	±.0005	MAT'L	FMF	
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							DIST	WA - NLV
							CAD FILE	035680
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## 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

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
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019

ECO DESCRIPTION  
ADDED TERMINAL CONNECTION DIAGRAM

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DRAWN BY SMC
DATE 05-13-1992
APPROVED BY TB
DATE 05-13-1992
REFERENCE EE7308/EE7300

THIRD ANGLE  
PROJECTION

Regal Beloit America, Inc.

## DESCRIPTION

CONN DIAGRAM-INTERNAL  
3 PHASE - DUAL VOLTAGE MOTOR

MATERIAL

PROCESS/FINISH

SIZE  
A

DRAWING NUMBER

EE7308T

SHEET  
1 OF 1

