

PRODUCT INFORMATION PACKET

Model No: 184TTDR7612

Catalog No: Y303

Crop Dryer Motor, 7 HP, 3 Ph, 60 Hz, 208-220/440 V, 3600 RPM, 184TZ Frame, DP



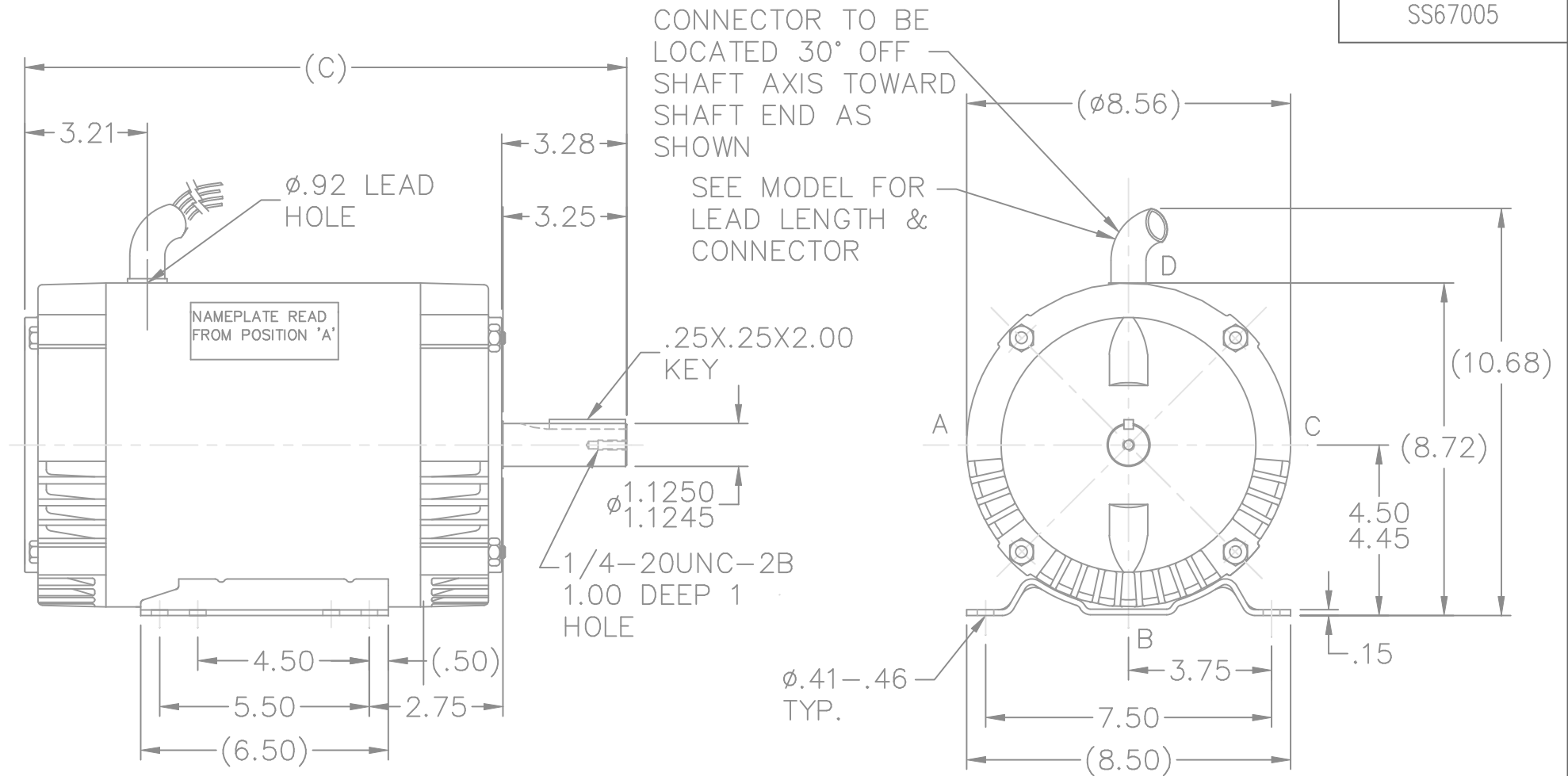
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Nameplate Specifications


Output HP	7 Hp	Output KW	5.2 kW
Frequency	60 Hz	Voltage	208-220/440 V
Current	20.0-27.0/13.5 A	Speed	3510 rpm
Service Factor	1.4	Phase	3
Efficiency	85 %	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	184TZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.85 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	14.22 in
Frame Length	6.75 in	Shaft Diameter	1.130 in
Shaft Extension	3.25 in	Assembly/Box Mounting	F3
Outline Drawing	A-SS67005-675	Connection Drawing	A-EE7308T



DASH	FR.	C	MOUNTING	DASH	FR.	C	MOUNTING
575	182T	13.22	F1 OR F2	825	184T	15.72	F1 ONLY
675	182/4T	14.22	F1 OR F2				
775	184T	15.22	F1 ONLY				

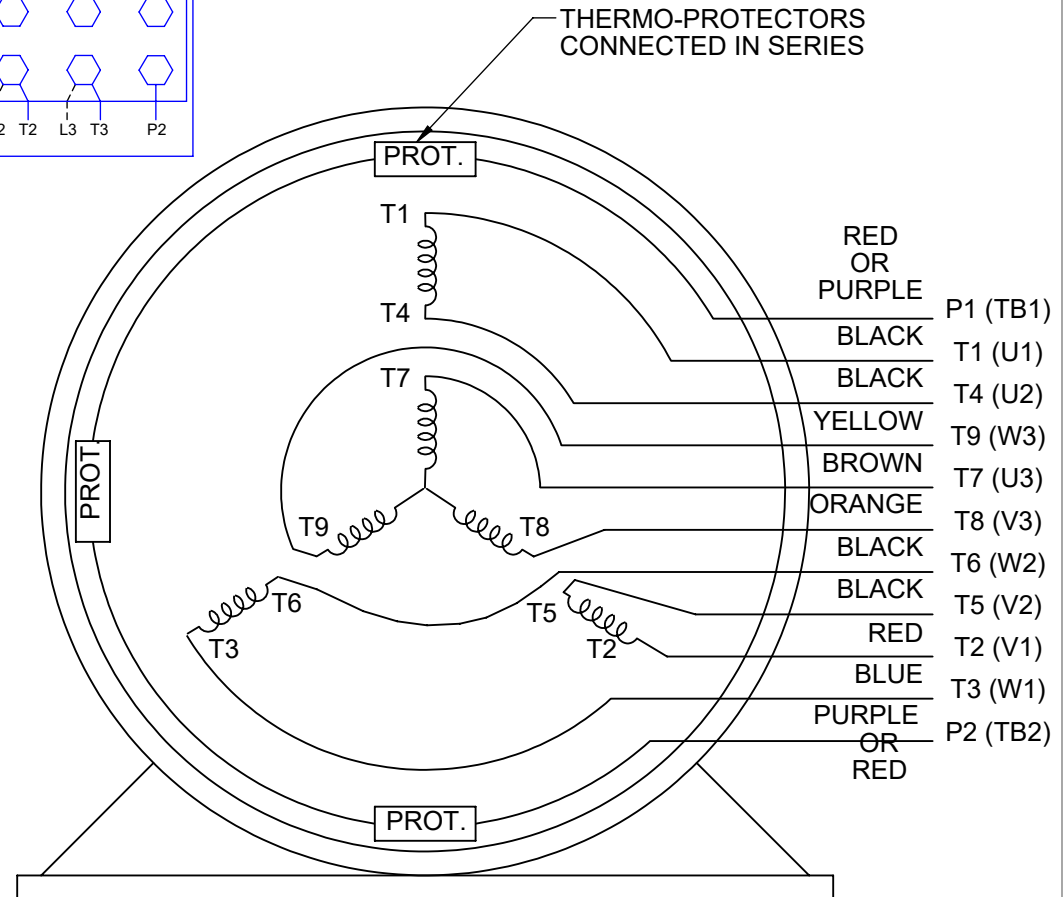
				TOLERANCES UNLESS SPECIFIED			DRAWN LZ 08-24-1994					
				DEC.	INCHES		CHK	ML	09-29-1994			
7	REDRAWN IN AUTOCAD	TAT 06-13-2005	ML	.X	±.1	TITLE OUTLINE 180T FR. – BB – TS – DR.PR.		APPD	BW 09-29-1994			
6	ADDED –675 W/F1 ONLY MOUNTING CN 27400–320	CAE 11-02-1999		.XX	±.03			SCALE	1=4			
5	ADDED MOUNTING TYPE CN 27451	DRS 05-03-1999		.XXX	±.005			REF				
4	REMOVED EYEBOLT	BLR 11-08-1995		.XXXX	±.0005	MAT'L.	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV				
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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