

PRODUCT INFORMATION PACKET



Model No: TO182

Catalog No: TO182

125 HP General Purpose Motor, 3 phase, 1200 RPM, 230/460 V, 445T Frame, ODP
General Purpose Motors



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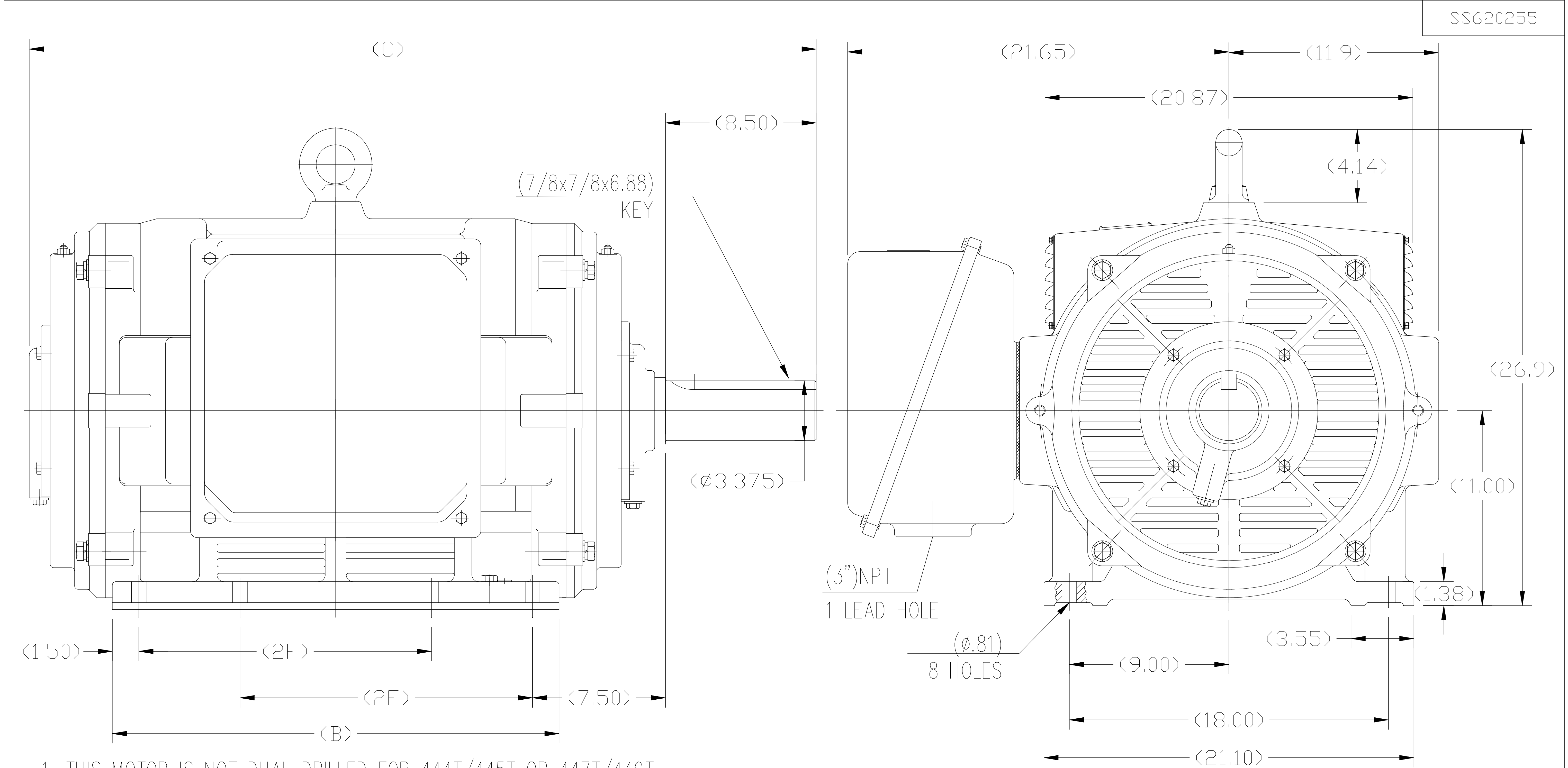
Nameplate Specifications

Output HP	125 Hp	Output KW	93.3 kW
Frequency	60 Hz	Voltage	230/460 V
Current	145 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	445T	Enclosure	Drip Proof
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	1

Technical Specifications

Electrical Type	POLYPHASE	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Keyed	Overall Length	44.57 in
Frame Length	25.98 in	Shaft Diameter	3.375 in
Shaft Extension	8.5 in		
Connection Drawing	A-EE7308AA	Outline Drawing	SS620255

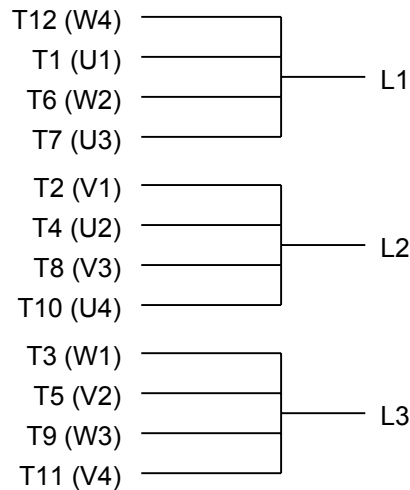
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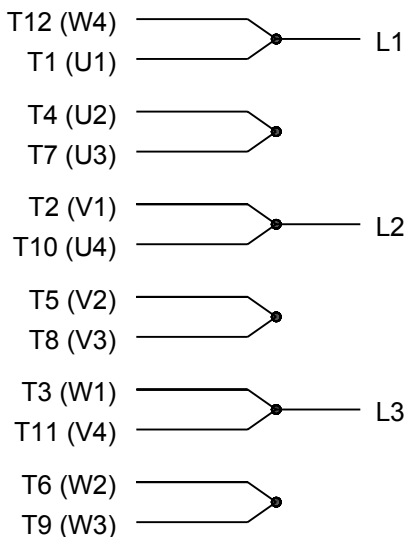
1. THIS MOTOR IS NOT DUAL DRILLED FOR 444T/445T OR 447T/449T
2. THIS MOTOR IS DRILLED FOR F1/F2 CAPABILITY

444T	44.57	25.20	14.50
445T	44.57	25.20	16.50
447T	49.69	30.32	20.00
449T	49.69	30.32	25.00
Frame	C	B	2F

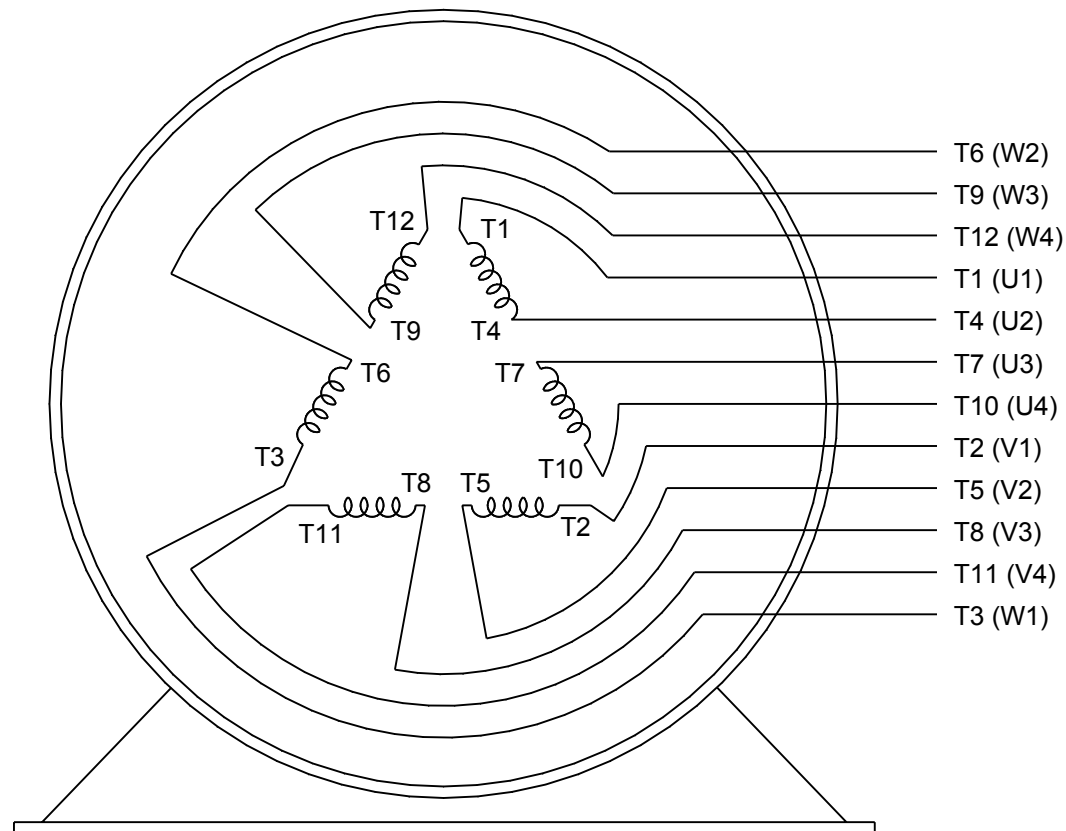
				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN ZYH 02-21-2010		
				DEC.	INCHES			CHK HZJ 02-21-2010		
				.X	±.1	TITLE 444/445/447/449T FR-ODP-CAST IRON		APPD CL 02-21-2010	SCALE 6=32	
				.XX	±.03			REF		
G	UPDATED DRAWING PER MARK-UP ECO-0108274		WGJ 10-7-16	EMH .XXX	±.005	MAT'L.		FMF HWADA		
A	2 leads hole change to 1		CL 2010-9-8	.XXXX	±.0005			PREV		
NO.	REVISION		BY & DATE	CHK ANG	±1/2	FINISH		REV.		
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				DIST			B	SS620255		



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	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	DATE 01-12-1994
APPROVED BY GK	DATE 01-14-1994
REFERENCE	THIRD ANGLE PROJECTION

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1