

PRODUCT INFORMATION PACKET



Model No: TO176

Catalog No: TO176

100 HP General Purpose Motor, 3 phase, 1200 RPM, 230/460 V, 444T Frame, ODP
General Purpose Motors



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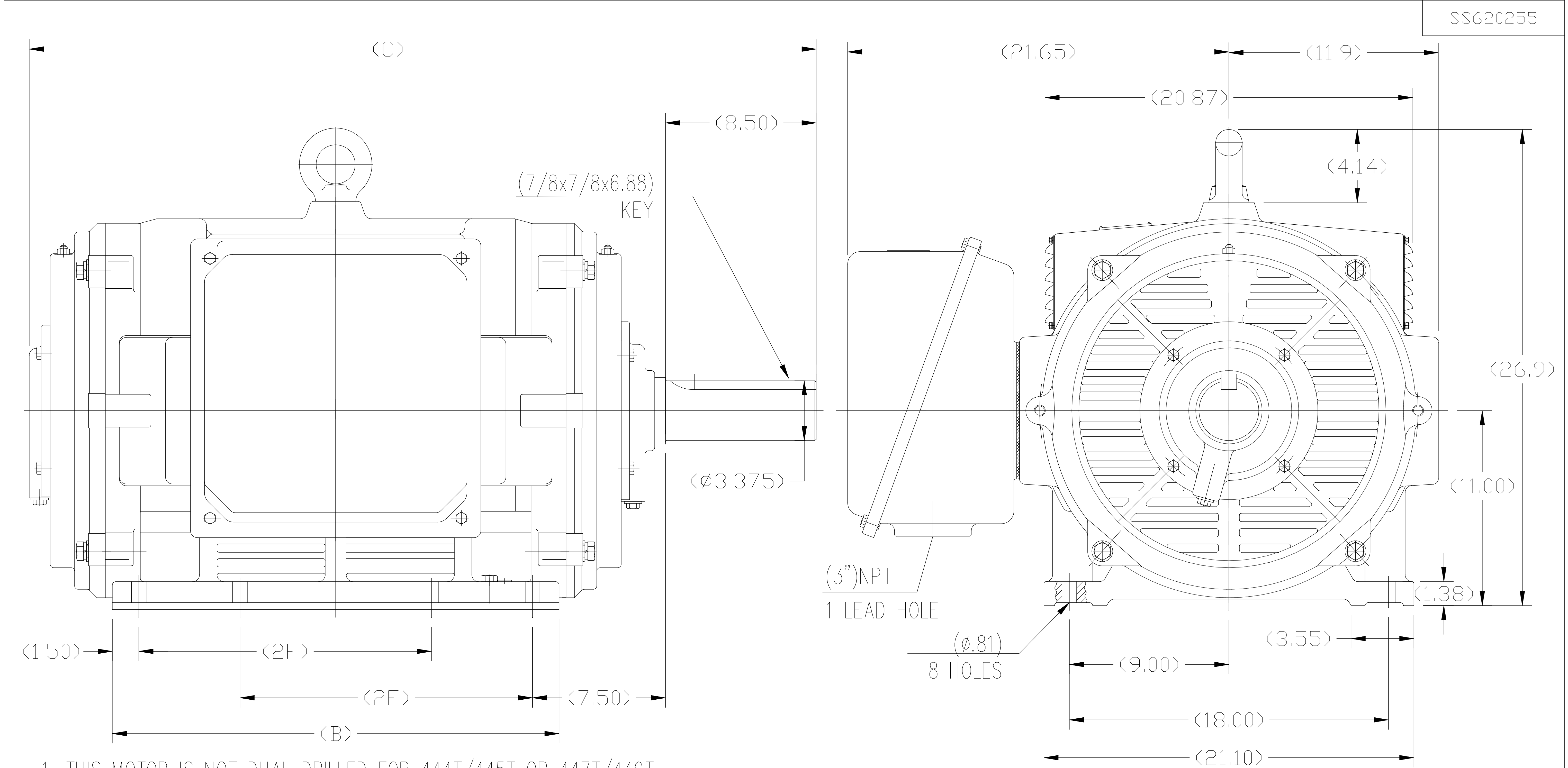
Nameplate Specifications

Output HP	100 Hp	Output KW	74.6 kW
Frequency	60 Hz	Voltage	230/460 V
Current	232/116 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	444T	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	8.50 in		
Outline Drawing	SS620255	Connection Drawing	A-EE7308AA

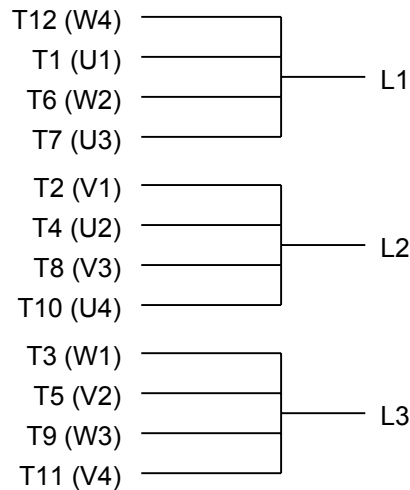
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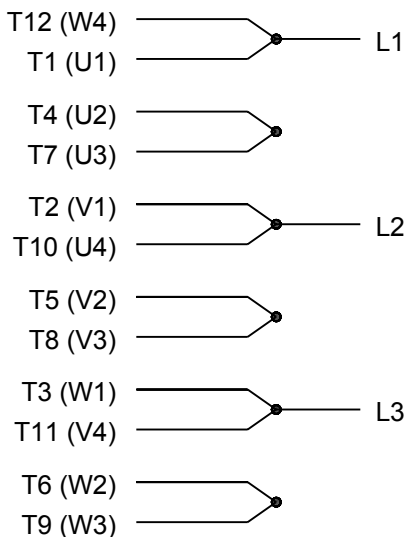
444T	44.57	25.20	14.50
445T	44.57	25.20	16.50
447T	49.69	30.32	20.00
449T	49.69	30.32	25.00
Frame	C	B	2F

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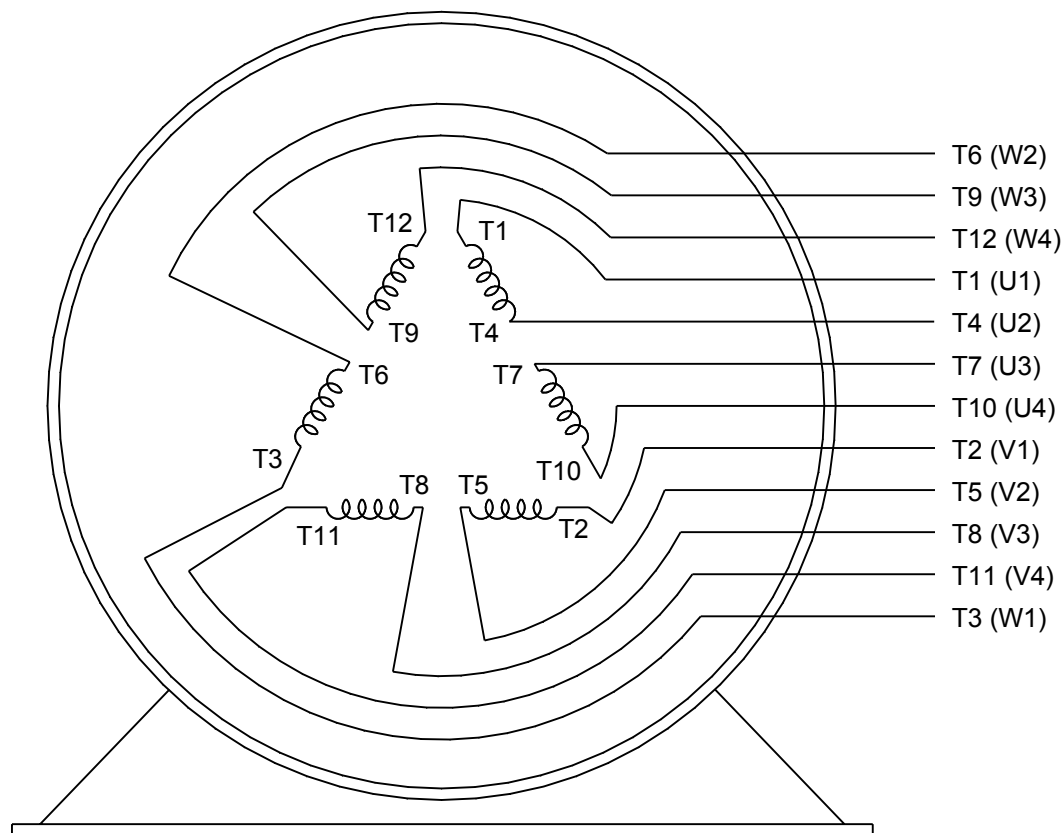
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LOW VOLTAGE



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	