

PRODUCT INFORMATION PACKET



Model No: B199732.00

Catalog No: B199732.00

General Purpose Motor, 200 & 150 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 & 1500 RPM, 445T Frame, DP

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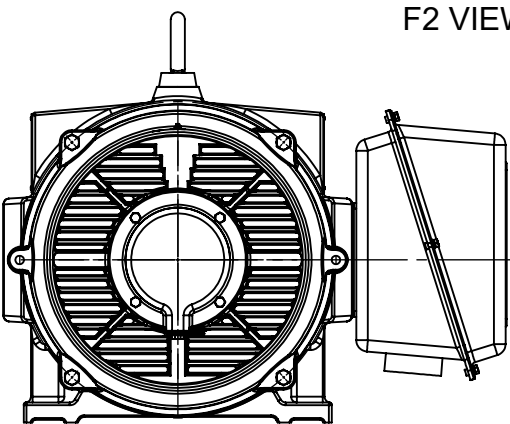
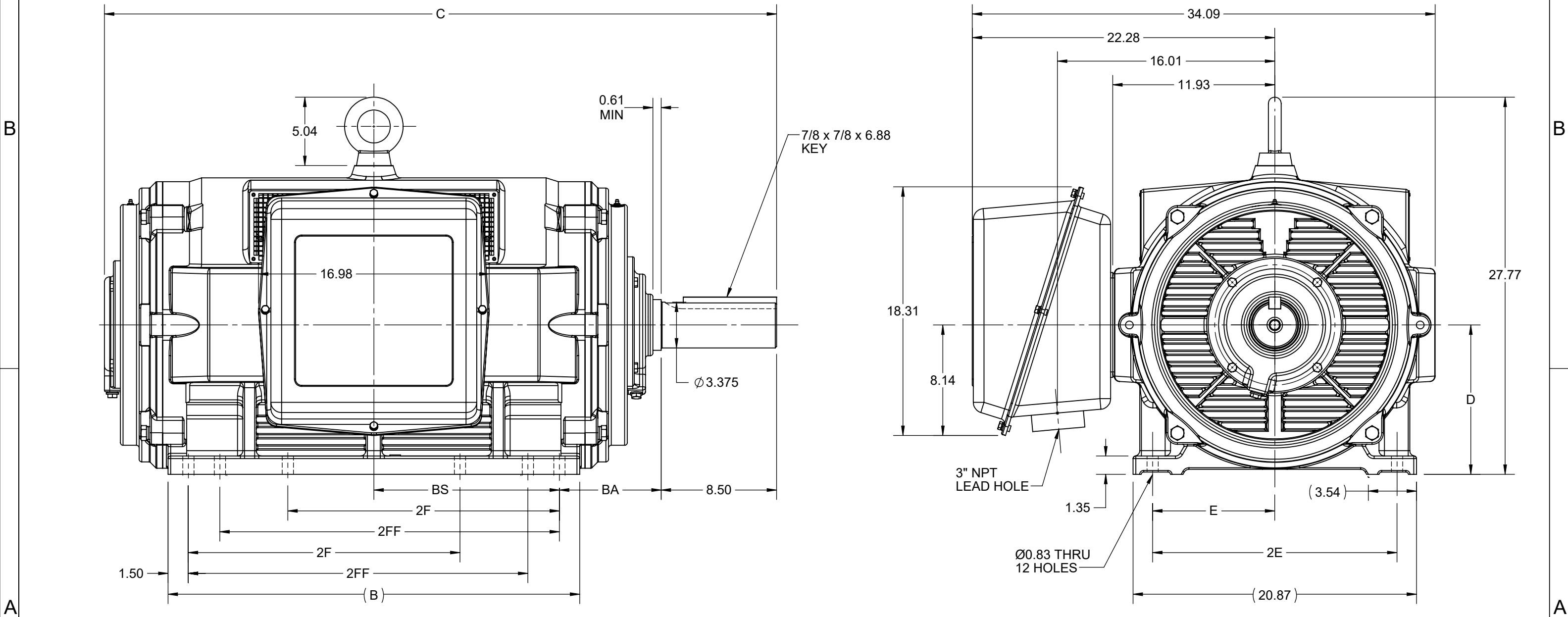
Nameplate Specifications



Phase	3	Output HP	200 & 150 Hp
Output KW	149.0 & 112.0 kW	Voltage	460 & 380 V
Speed	1790 & 1490 rpm	Service Factor	1.15 & 1.15
Frame	445T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.8 & 95.8 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	223 & 203 A	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.019 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	44.57 in
Frame Length	25.98 in	Shaft Diameter	3.375 in
Shaft Extension	8.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	EE7341C	Outline Drawing	SS620758-445T

4				3				2			1	
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME	
100	25.20	44.39	11.00	9.00	18.00	14.50	16.50	7.50	11.10	F1 OR F2	444/445T	
200	30.31	49.50				20.00	25.00		13.66		447/449T	



DRAWING REVISION C	REVISION BY RAM	REV DATE/© DATE 09/02/2022	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY ZXW	 Regal Beloit America, Inc.		
REQUEST NUMBER CR-0006851	APPROVED BY SBD	DATE 09/02/2022		DATE 21/07/2016			
REQUEST NUMBER DESCRIPTION VIEWS UPDATED AS PER 3D				APPROVED BY	DESCRIPTION OUTLINE 444/445/447/449T FR NEMA ODP CAST IRON		
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				REFERENCE	MATERIAL	PROCESS/FINISH	
				THIRD ANGLE PROJECTION		SIZE B	DRAWING NUMBER SS620758

THREE PHASE – PART WINDING START DELTA – 6 LEADS

START

CONNECT T1 TO LINE 1
CONNECT T2 TO LINE 2
CONNECT T3 TO LINE 3
T7–T8–T9 OPEN

RUN

CONNECT T1&T7 TO LINE 1
CONNECT T2&T8 TO LINE 2
CONNECT T3&T9 TO LINE 3

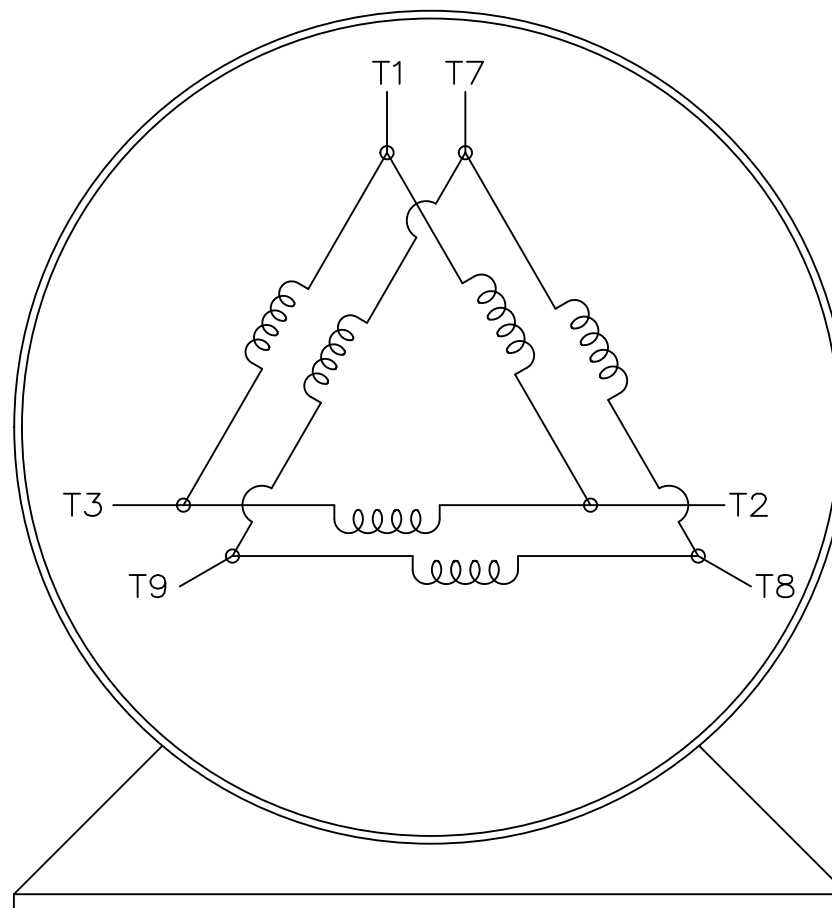
IF MOTOR HAS 2 T'S

START


CONNECT T1,T1 TO LINE 1
CONNECT T2,T2 TO LINE 2
CONNECT T3,T3 TO LINE 3
T7,T7–T8,T8–T9,T9 OPEN

RUN

CONNECT T1,T1&T7,T7 TO LINE 1
CONNECT T2,T2&T8,T8 TO LINE 2
CONNECT T3,T3&T9,T9 TO LINE 3



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN BLR 03-09-1998		
			DEC.	INCHES		CHK	ML	03-23-1998
			.X	±	–	APPD	GK	03-23-1998
			.XX	±	–	SCALE 1=1		
E	NOTE ADDED FOR 2 T'S	NAR 17-12-2020	RC	.XXX	±	TITLE CONNECTION DIAGRAM		
D	RE-DRAWN WITH REGAL LOGO ECO-0110493	WGJ 09-30-2016	EMH	.XXXX	±	3ø – 6 LEADS		
NO.	REVISION	BY & DATE	CHK	ANG	±	MAT'L.		
						FMP		
						PREV		
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