

# PRODUCT INFORMATION PACKET



Model No: TO193  
Catalog No: TO193  
200 HP General Purpose Motor, 3 phase, 1800 RPM, 460 V, 445T Frame, ODP  
General Purpose Motors



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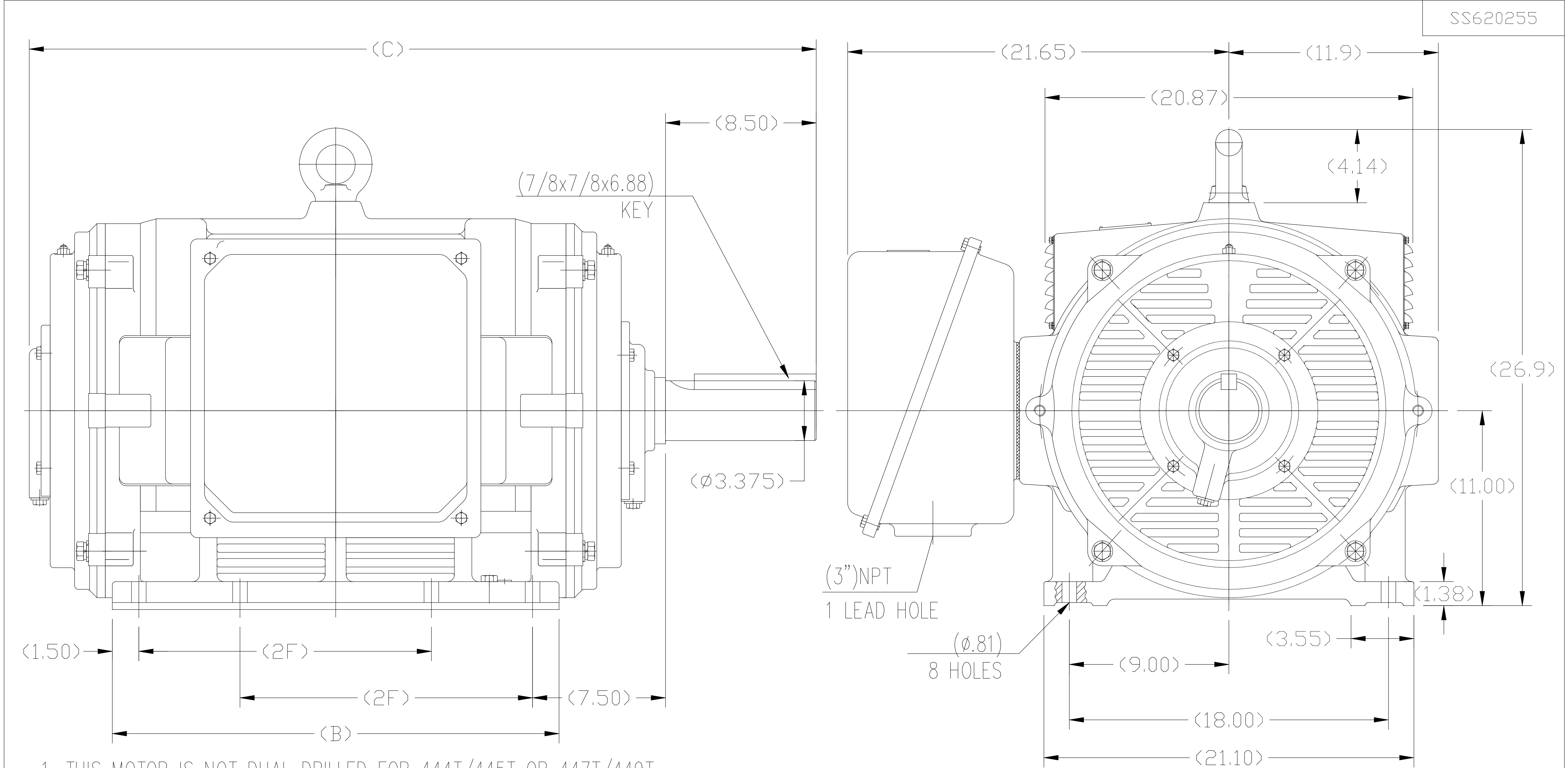
### Nameplate Specifications

Output HP	200 Hp	Output KW	149.2 kW
Frequency	60 Hz	Voltage	460 V
Current	220 A	Speed	1786 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	4	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		
Connection Drawing	A-EE7341C	Outline Drawing	SS620255

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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		 <b>REGAL-BELOIT CORPORATION</b>		DRAWN ZYH 02-21-2010	
					DEC.	INCHES			CHK HZJ 02-21-2010	
					.X	±.1			APPD CL 02-21-2010	
					.XX	±.03	TITLE		SCALE 6=32	
G	UPDATED DRAWING PER MARK-UP ECD-0108274		WGJ 10-7-16	EMH	.XXX	±.005	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	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP		CAD FILE SS620255		SIZE	DRAWING NO.	REV.
				DIST				B	SS620255	G

# 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

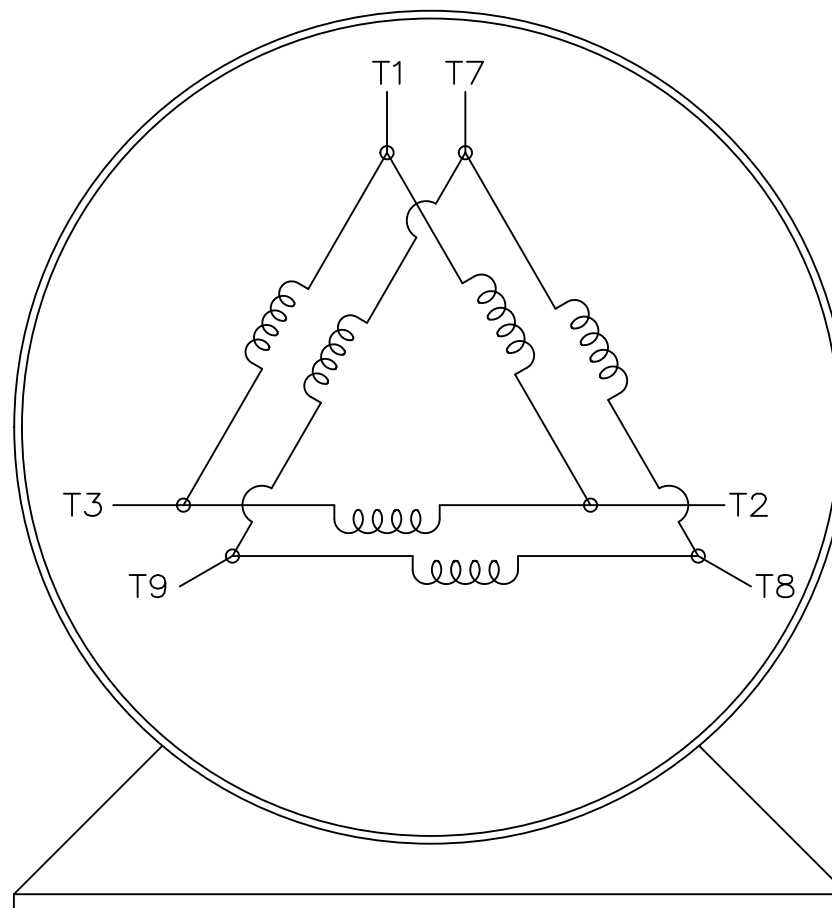
IF MOTOR HAS 2 T'S

## 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		 <b>REGAL-BELOIT CORPORATION</b>	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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			DIST			A	EE7341C	REV. E