

PRODUCT INFORMATION PACKET



Model No: 170159.00

Catalog No: 170159.00

General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
215T Frame, TEFC



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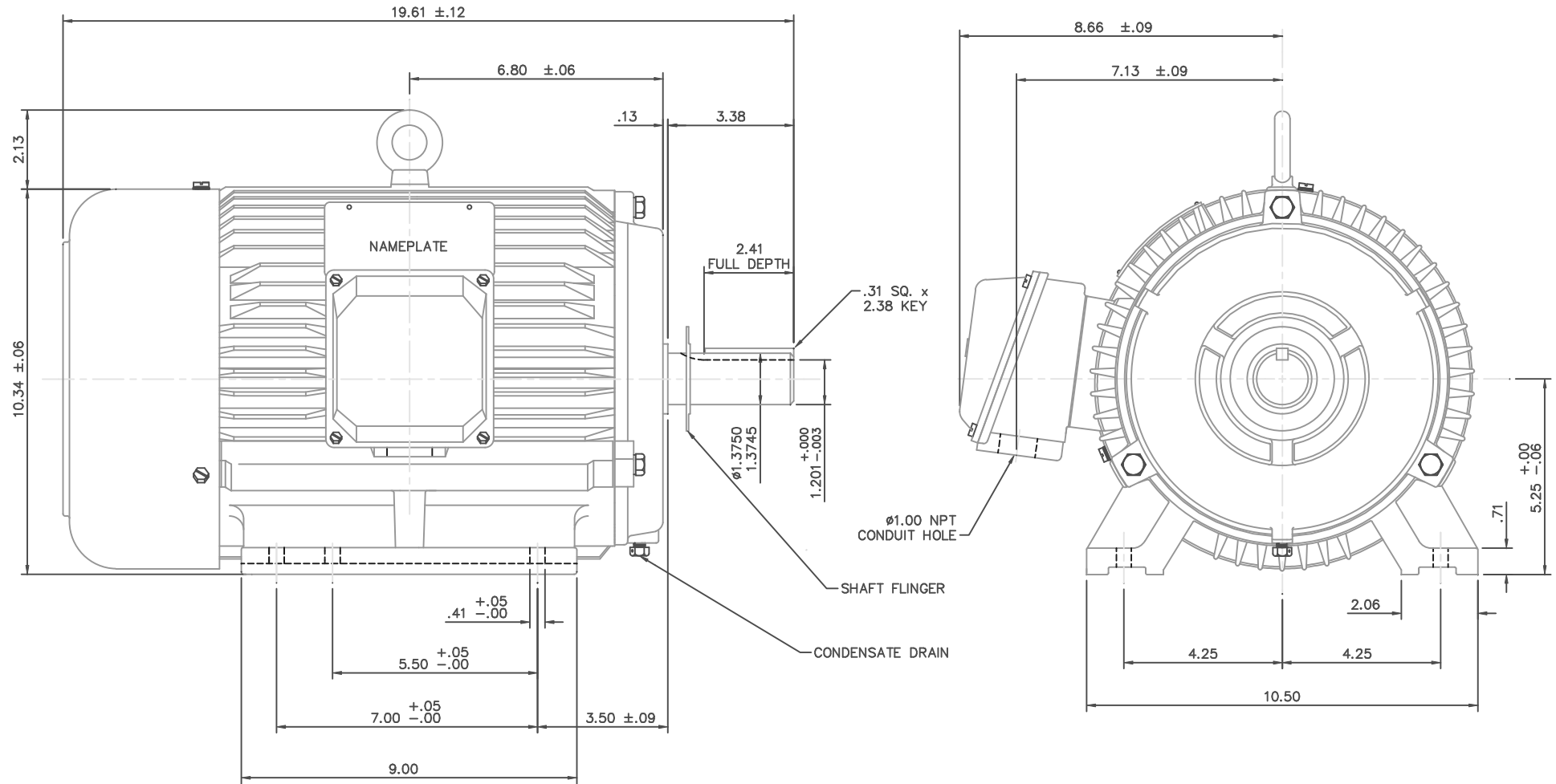


Nameplate Specifications

Phase	3	Output HP	10 & 7.5 Hp
Output KW	7.5 & 5.6 kW	Voltage	208-230/460 & 190/380 V
Speed	3543 & 2950 rpm	Service Factor	1.15 & 1.15
Frame	215T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	26-23.4/11.7 & 20.6/10.3 A	Power Factor	88.3
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6306
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

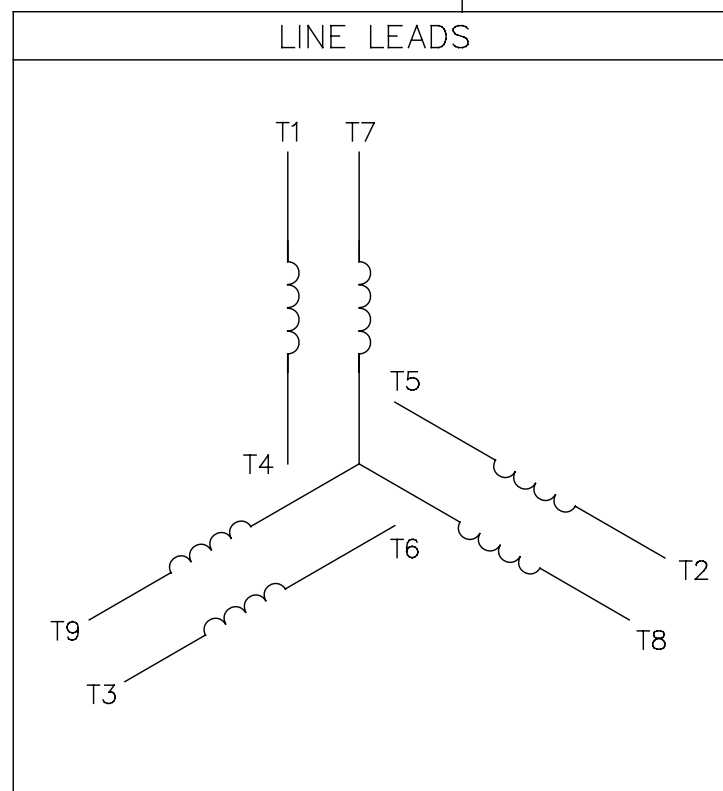
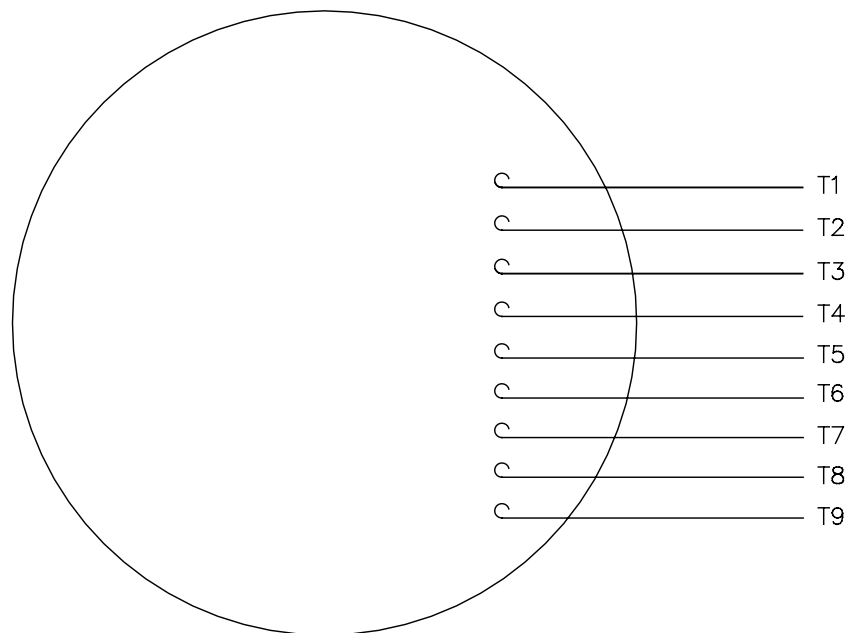
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.732 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	19.61 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	16953660	Connection Drawing	005010.01




				TOLERANCES UNLESS OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION		
				DEC.	INCHES	METRIC			
				.X	$\pm .1$	± 2.5	DRAWN DRZ 03/19/01	TITLE	OUTLINE - 215T FRAME
				.XX	$\pm .03$	$\pm .76$	APPR.		TEFC - RIGID MOUNT, NEW CON-BOX
01	REDRAWN TO CURRENT CAD STANDARDS	CJK 9/17/01		.XXX	$\pm .005$	$\pm .127$	R.F.P.	MAT'L	CAST IRON
NO.	REVISION	BY & DATE	CHK'D.	.XXXX	$\pm .0005$	$\pm .0127$	SCALE	3=8	
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				ANGLES	$\pm 1/2^\circ$	FMF		REV.	01
									DRAWING NO. 169536-60

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.			DRAWN RDW 04/12/02	
				DEC.	INCHES				CHK	
				.X	±.1				APPD	
				.XX	±.01				TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	SCALE
				.XXX	±.005	REF	FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV	
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			DIST BRF-NLV					A	005010-01	A