

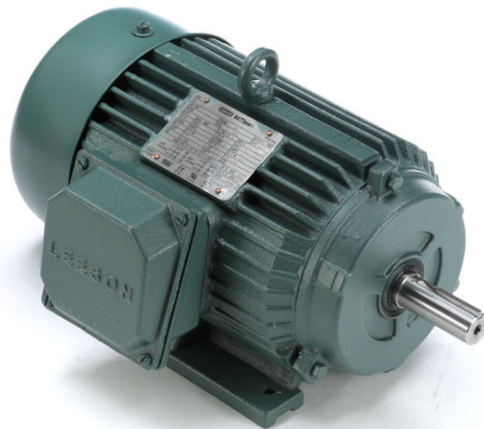
PRODUCT INFORMATION PACKET



Model No: 171642.00

Catalog No: 171642.00

General Purpose Motor, 1.50 & 1 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
143T Frame, TEFC



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Nameplate Specifications

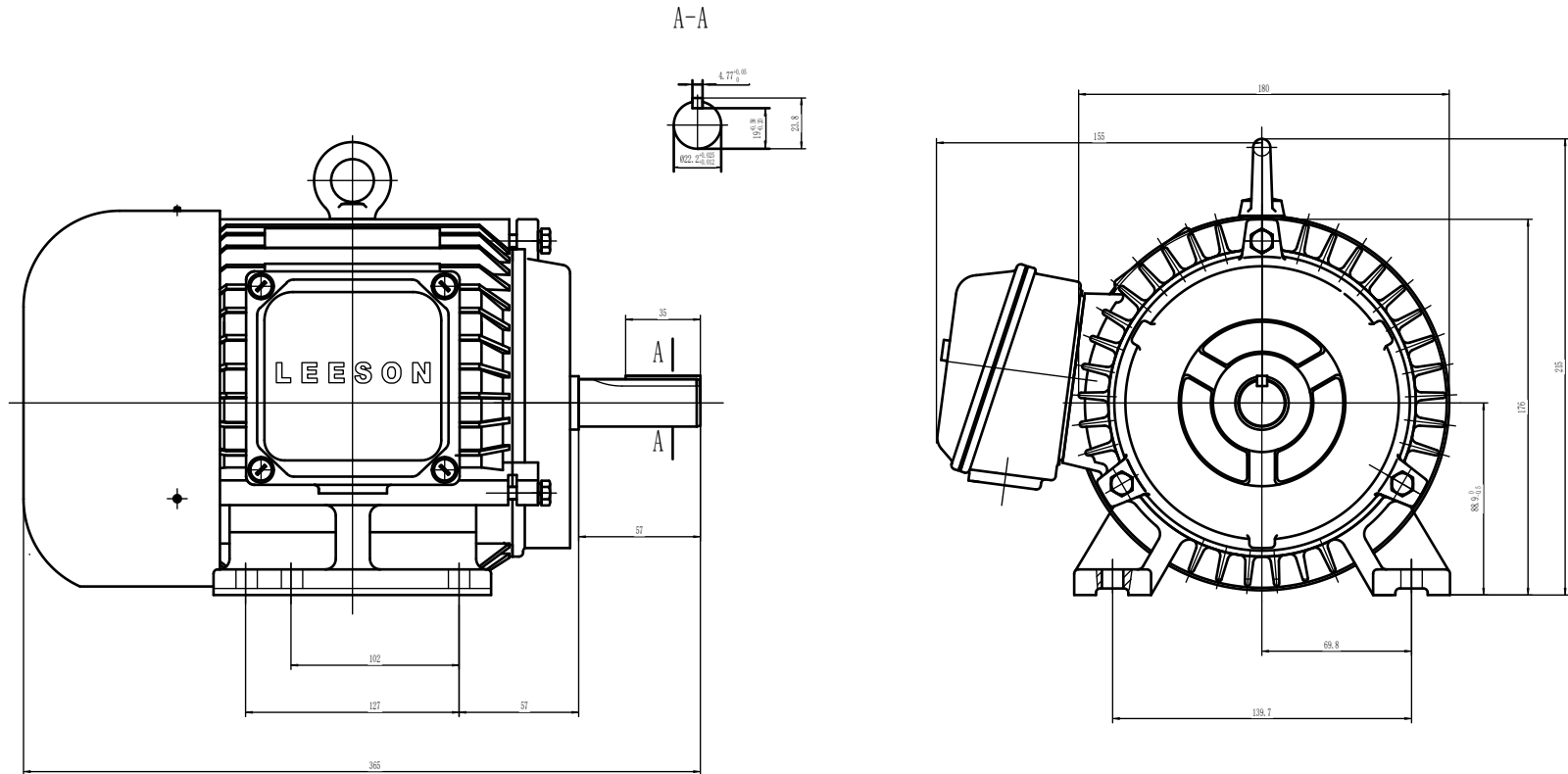
Phase	3	Output HP	1.50 & 1 Hp
Output KW	1.1 & 0.75 kW	Voltage	208-230/460 & 190/380 V
Speed	3490 & 2915 rpm	Service Factor	1.15 & 1.15
Frame	143T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	85.5 & 84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	4.2-3.8/1.9 & 3.3/1.65 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
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
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Overall Length	12.48 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS622223LE	Connection Drawing	005010.01

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SS622223LE

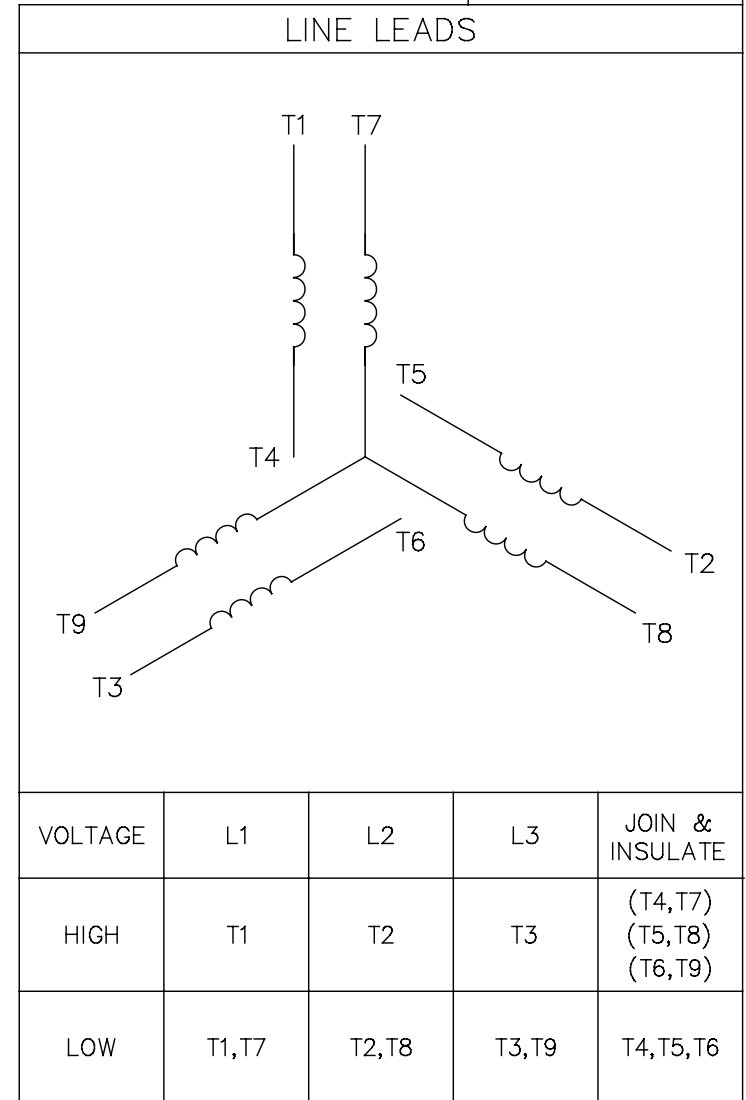
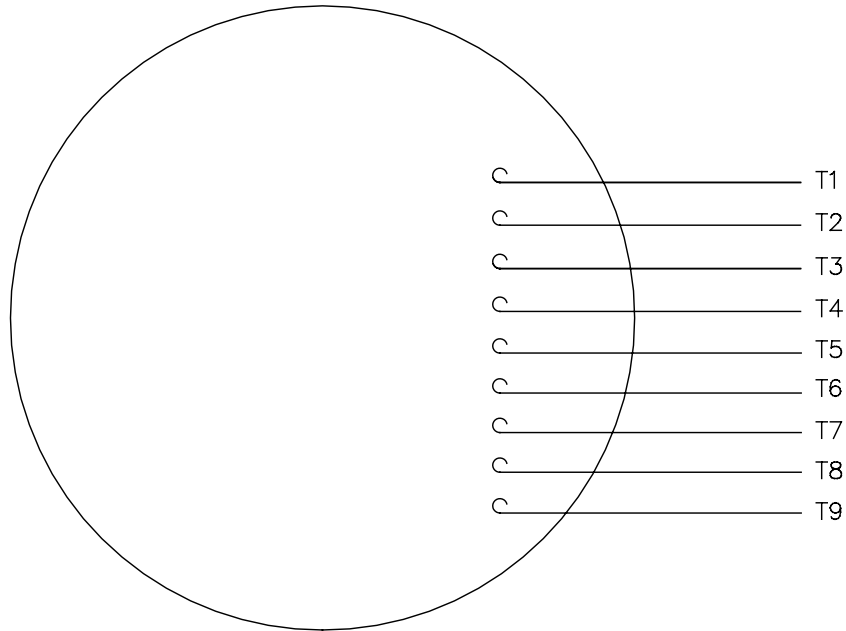



(DRAWING MAY NOT BE TO SCALE)

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN
				DEC.	INCHES		
				.X	±.1	TITLE OUTLINE N140T - 4 - W2 - HEBEI	CHK
				.XX	±.03		APPD
				.XXX	±.005		SCALE
C	UPDATED MOTOR GEOMETRY ECO-0172391	WGJ 06-21-2019		.XXXX	±.0005	MAT'L	REF
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV
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				DIST			PAGE OF C

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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