

# PRODUCT INFORMATION PACKET



Model No: 171653.00  
Catalog No: 171653.00  
\*\*\*Obsolete replaced by 145TTFC6005\*\*\* 2 HP 3600 575 TEFC 145T PREM EFF  
General Purpose Motors



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### Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	575 V
Current	2.0 A	Speed	3485 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	145T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
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

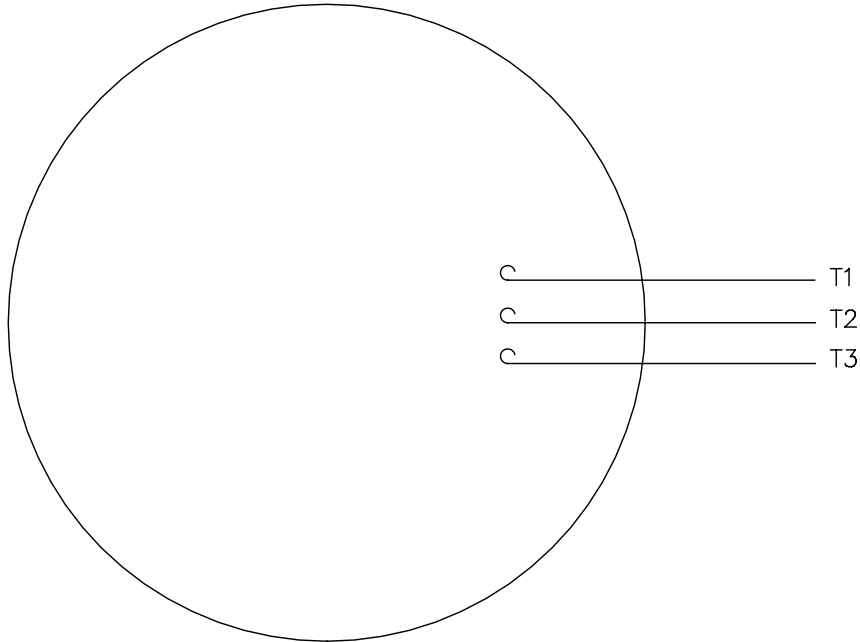
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Overall Length	12.48 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	00510201	Outline Drawing	SS622223LE

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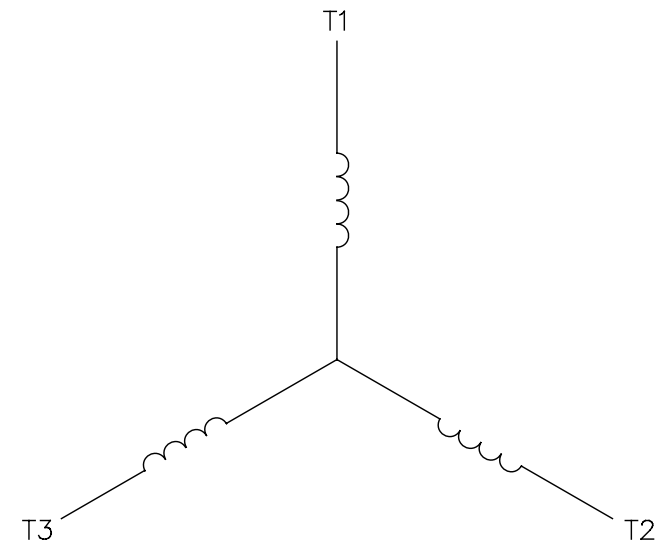
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005102-01


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS

CONNECT LEADS AS FOLLOWS  
FOR FOUR CONDUCTOR CORD ( )

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED		 <b>Regal Beloit America, Inc.</b>		DRAWN	JRW 9/11/75
				DEC.	INCHES			CHK	
				.X	±.1			APPD	JCW 9/11/75
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR		SCALE	1=1
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97		.XXX	±.005			REF	W-T6343-6
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95		.XXXX	±.0005			FMF	6T17FB7
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV	
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