

PRODUCT INFORMATION PACKET



Model No: LM33603
Catalog No: LM33603
3 HP Special Voltage Motor, 3 phase, 1800 RPM, 575 V, 182T Frame, TEFC
Special Voltage Motors



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Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	575 V
Current	3.1 A	Speed	1770 rpm
Service Factor	1.25	Phase	3
Efficiency	89.5 %	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

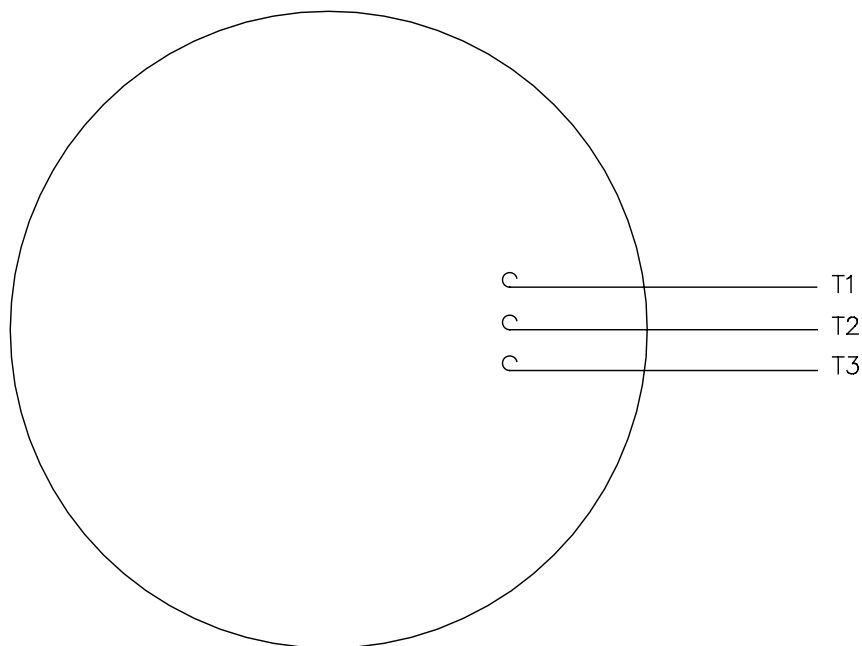
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	6.08 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Overall Length	14.96 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005102.01	Outline Drawing	036121LN-950

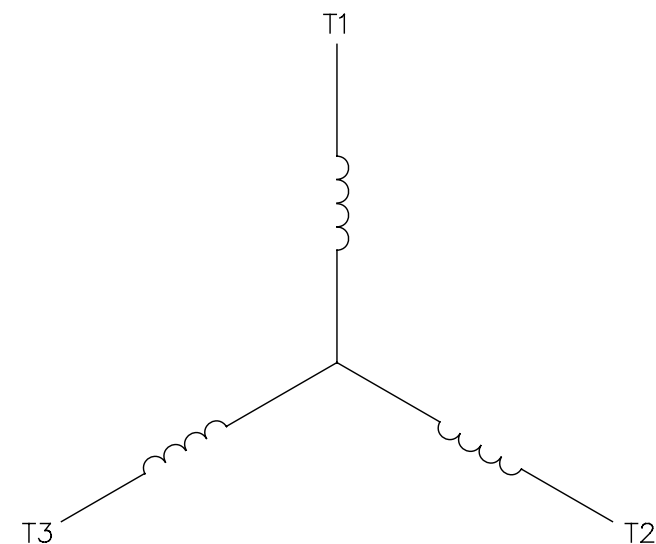
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005102-01

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		 Regal Beloit America, Inc.		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	MAT'L DECAL - 004169		FMF		6T17FB7			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV					
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