

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 056T34G5305

Catalog No: G662

1 HP Explosion Proof Motor, 3 phase, 3600 RPM, 208-230/460 V, 56 Frame, EPFC
Explosion Proof NEMA Motors



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REGAL

Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	3.9-3.6/1.8 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	74 %	Power Factor	69.1
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	N
Frame	56	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	5.66 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.44 in
Frame Length	6.31 in	Shaft Diameter	0.625 in
Shaft Extension	2 in	Assembly/Box Mounting	F1 ONLY

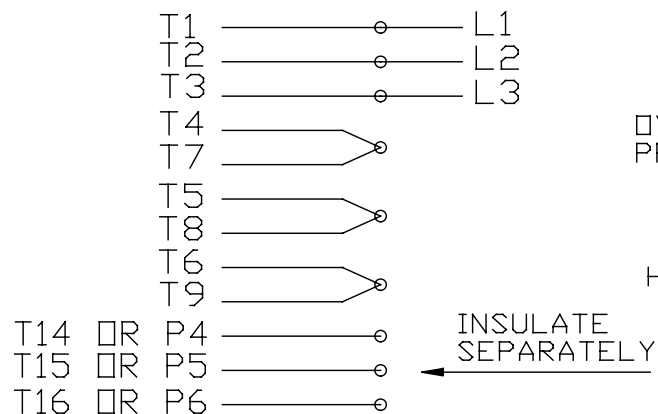
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1	STD. REDUCER 8/4	1100866	0602VWR	/
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4	ENDSELL-INPUT SUBASSEMBLY	50-100915	A B 0202 CMB	-1
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6	ADD:	11		
7	DRIVE SPEC.-ALLSPED	07-620740	A	/
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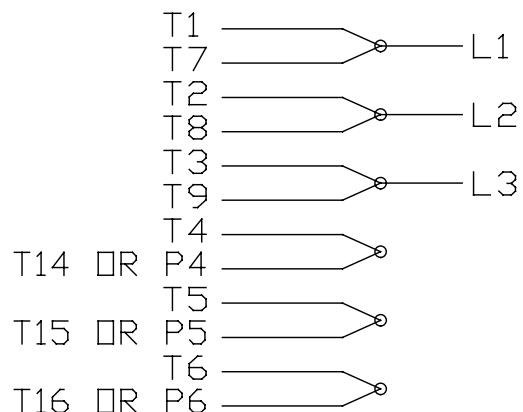
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EE7335

HIGH VOLTAGE CONNECTIONS



LOW VOLTAGE CONNECTIONS

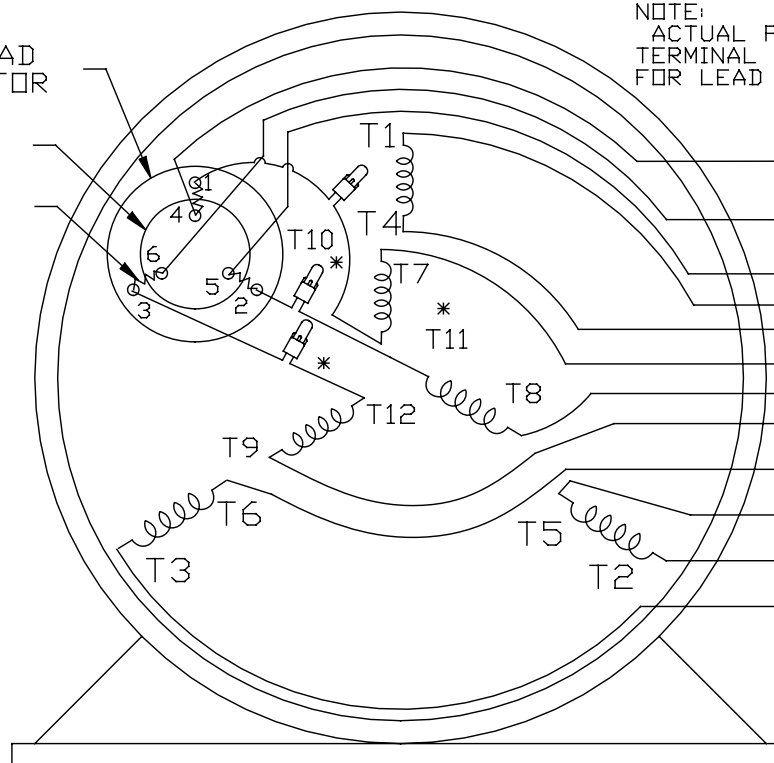


THREE PHASE - DUAL VOLTAGE MOTOR WITH OVERLOAD PROTECTOR

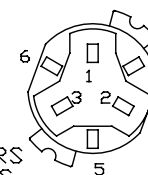
OVERLOAD
PROTECTOR

DISC

HEATER



NOTE:
ACTUAL PROTECTORS
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS



T14 OR P4

T16 OR P6

T15 OR P5

—T1

—T 4

—T7

—T8

- T 9

—T6

TC

15


—T2

T3

VIEW OF TERMINAL END

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

T2K
T4D
T6AN

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN KL 08-09-1993		
17	CHANGED LOGO FROM MARATHON TO REGAL	KIR 02/16/16	AB	DEC.	INCHES		CHK ML 08/10/1993		
16	PRESSURE CONNECTORS QUANTITY WAS 6	PVR 10/29/13	GR	.X	±.1		APPD GK 08/10/1993		
15	PRESSURE CONNECTORS ADDED	GR 03/04/13	SR	.XX	±.01	TITLE CONNECTION DIAGRAM 3Ø-DUAL VOLT WITH OVERLOAD PROTECTION	SCALE 1=1		
14	ADDED ACTUAL PROCECTOR VIEW CN 17481	KL 05/18/94		.XXX	±.005		REF		
13	REDRAWN IN AUTO CAD	KL 08/11/93		.XXXX	±.0005	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2*	FINISH	PREV		
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