

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 056T17D11049
Catalog No: G047A
1/3,1725,DP,56,3/60/230/460
Open Drip Proof (ODP)



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REGAL



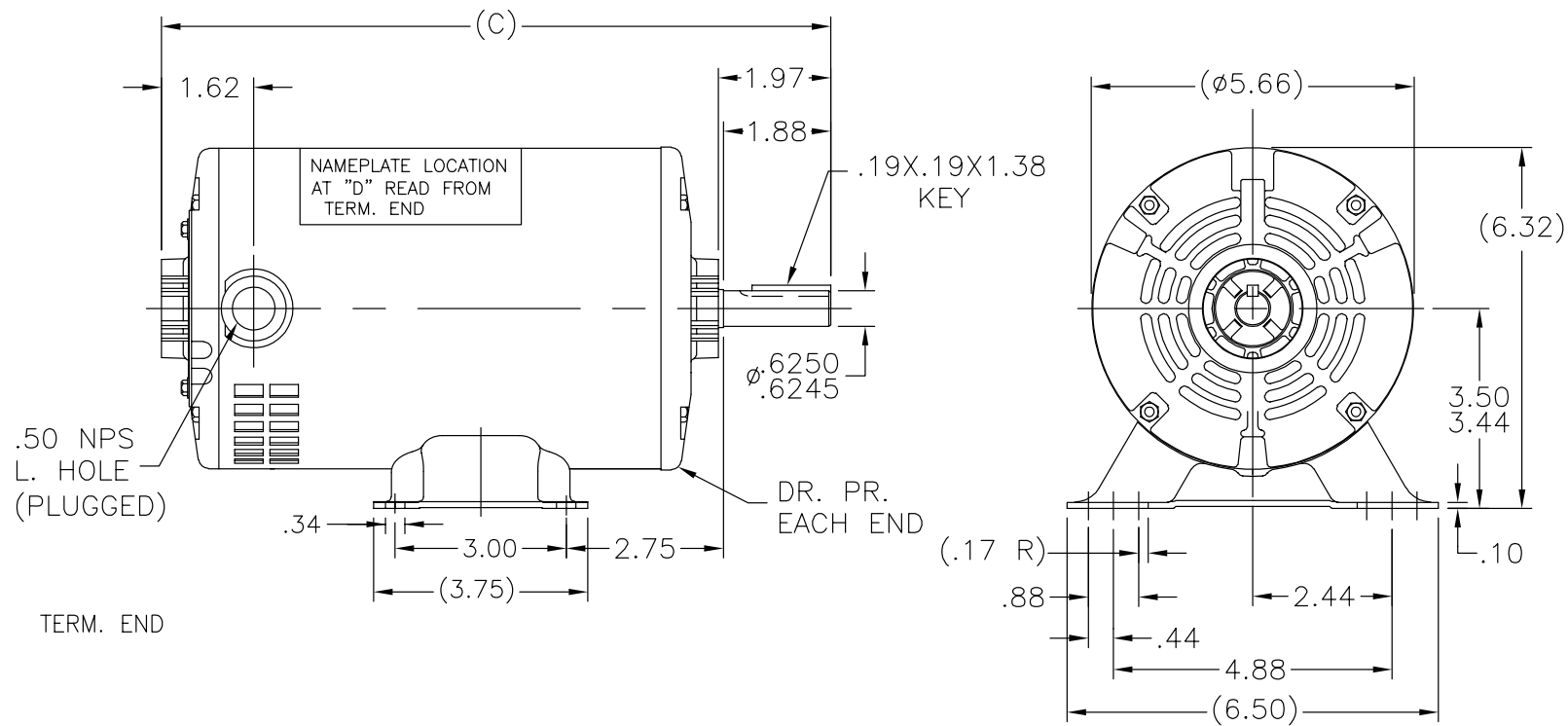
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.2/0.6 A	Speed	1725 rpm
Service Factor	1.35	Phase	3
Efficiency	73.4 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	B
KVA Code	M	Frame	56
Enclosure	DP	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

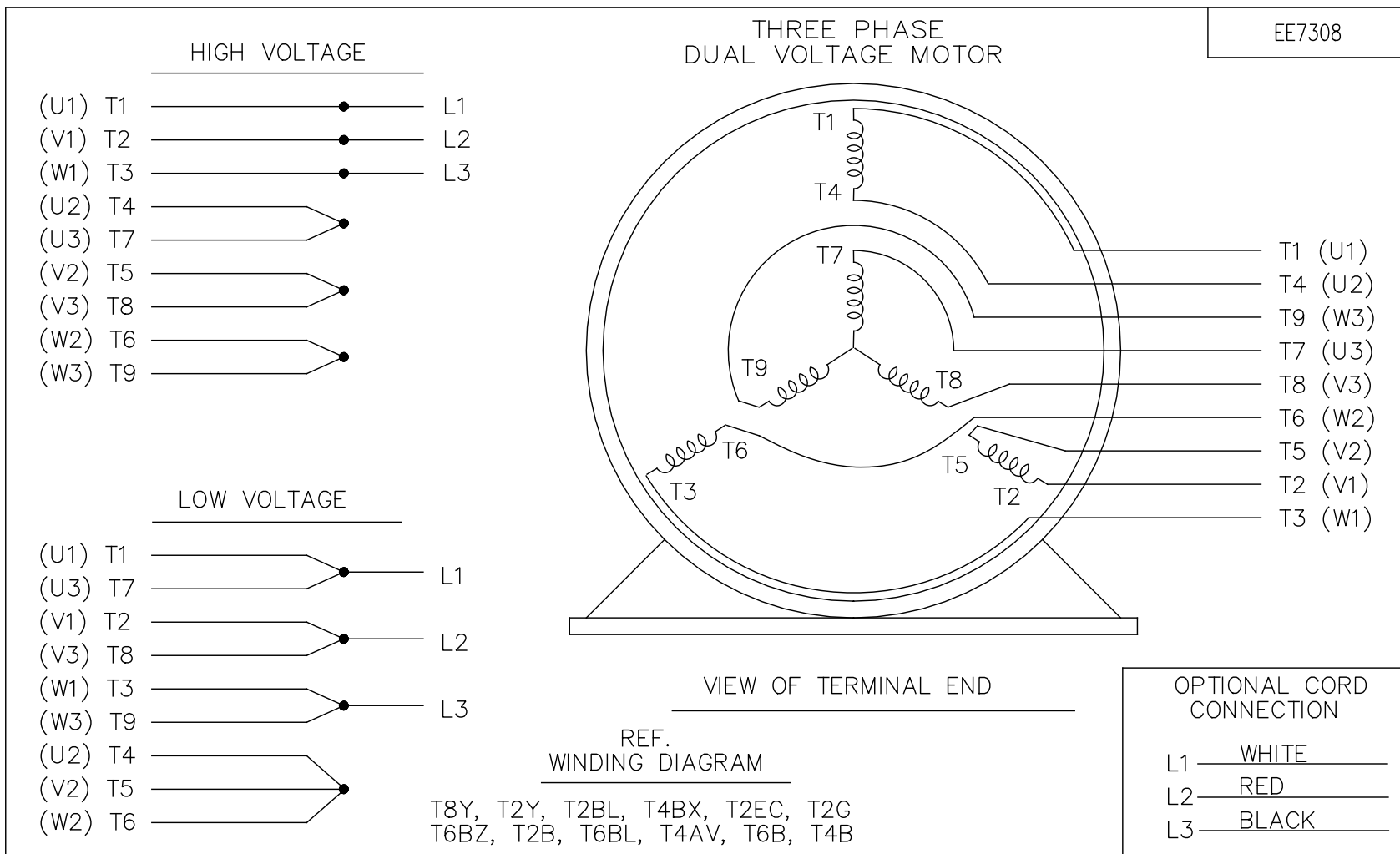
Electrical Type	SQ CAGE INV RATED	Starting Method	LINE OR INVERTER
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	STANDARD 56
Overall Length	11.22 in	Frame Length	7.25 in
Shaft Diameter	0.63 in	Shaft Extension	1.97 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS404127-725	Connection Diagram	A-EE7308-REGAL

SS404127



DASH	C	DASH	C	DASH	C
600	9.97	700	10.97	775	11.72
625	10.22	725	11.22	800	11.97
650	10.47	750	11.47	875	12.72

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN PST 12/19/2014					
				DEC.	INCHES		CHK	AP 12/19/2014				
				.X	±.1		APPD					
				.XX	±.03		TITLE OUTLINE 56 FR. — DP.	SCALE	3=8			
				.XXX	±.005			REF				
				.XXXX	±.0005		MAT'L.	FMF				
NO.	REVISION		BY & DATE	CHK	ANG	±7°30"	FINISH	PREV				
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT				RFP		CAD FILE SS404127		SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST WP				A	SS404127			



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	DRAWN RM	ML	SAS	SCALE	REF	FMF	PREV
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES								
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1								
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02								
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005								
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005								
					±7'30"								
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						DIST WP							

CERTIFICATION DATA SHEET

Model#:

56T17D11049 A

WINDING#:

TE484125 NONE 3

CONN. DIAGRAM:

A-EE7308-REGAL

ASSEMBLY:

F1 ONLY

OUTLINE:

A-SS404127-725

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3&1/4	.25&19	1800	1725&1425	56	DP	M	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/380	1.2/.6&1.4/.7	LINE OR INVERTER	CONTINUOUS	B3	1.35/1.35	40	3300

FULL LOAD EFF: 73.4	3/4 LOAD EFF: 69.4	1/2 LOAD EFF: 62.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 70.6	3/4 LOAD PF: 62.5	1/2 LOAD PF: 52.3	-	SQ CAGE INV RATED	.9 / .4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
16.1 LB-FT	8.9 / 4.5	70.7 LB-FT 439	77.6 LB-FT 482	25

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	- LB-FT^2	- LB-FT^2	- SEC.	-	- LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6203	6203	MULTEMP SRL	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /in HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: CONSTANT 2:1
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz