

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 056T17G5322
Catalog No: G667
3/4,1725,EPFC,56,3/60/575
Explosion Proof



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REGAL

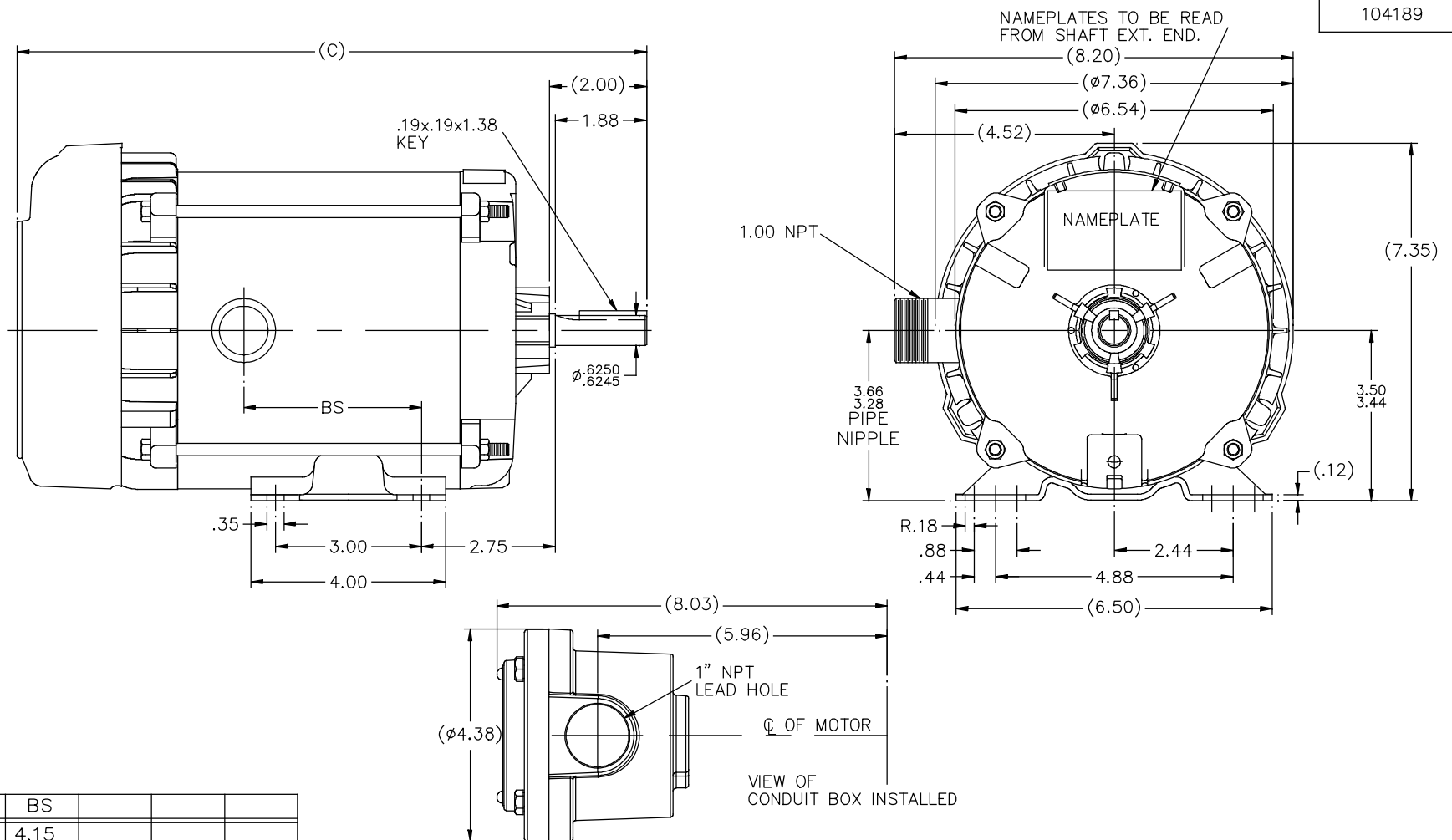


Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	575 V
Current	1.2 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	75.5 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	B
KVA Code	L	Frame	56
Enclosure	EPFC	Overload Protector	AUTOMATIC
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	N	CE	N
IP Code	54		

Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
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	13.94 in	Frame Length	6.81 in
Shaft Diameter	0.63 in	Shaft Extension	2 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	B-104189-681	Connection Diagram	A-EE7335B



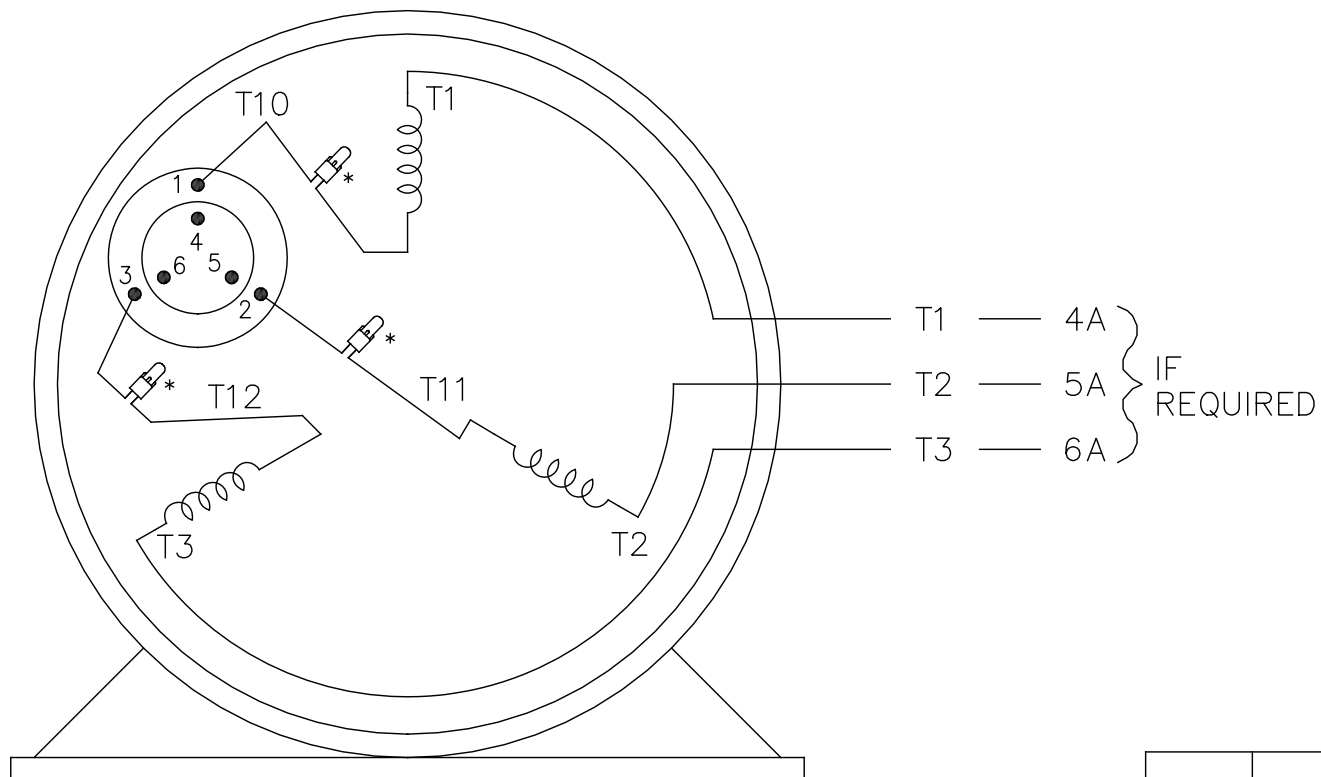
				TOLERANCES UNLESS SPECIFIED		REGAL TM Regal Beloit America, Inc.		DRAWN MH 11-20-1996	
				DEC.	INCHES			CHK	ML 12-02-1996
4	COND. BOX INSTALLED VIEW UPDATED PER ECR-0044571	UD	10/15/13	ST	.X	±.1	TITLE OUTLINE 56 FR. - EXP. PR. - TEFC - 1Ø & 3Ø	APPD	GK 12-02-1996
3	REVISED C'BOX PER CN40784A	JJB	02/23/2007	ML	.XX	±.03		SCALE	1=2
2	ADDED CONDUIT BOX VIEW CN 26686	MRB	03-22-1998	ML	.XXX	±.005		REF	
1	NEW DRAWING CN 23099	MH	12-02-1996	ML	.XXXX	±.0005		FMF	
REVISION				BY & DATE		CHK	ANG	±7'30"	FINISH
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 104189	SIZE B
				DIST	WP				DRAWING NO. 104189
									PAGE 4
									REV. 4

NOTE:
ACTUAL PROTECTORS
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS

WEST PLAINS

LEADS WITH TERMINALS
SHOULD BE CONNECTED
TO INBOARD SIDE OF
TERMINAL BOARD.

–TO REVERSE ROTATION–
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS



VIEW OF TERMINAL END

OPTIONAL CORD CONNECTION

L1 — WHITE

L2 — RED

L3 — BLACK

T6CK
T6BM
T4AY
T2DL
T2H

*USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

11	ADDED THE OPTIONAL CORD CONNECTION	JAH 11-12-2014	RD	TOLERANCES UNLESS SPECIFIED			DRAWN KL 08-25-1993					
10	PRESSURE CONNECTORS ADDED (QTY 3)	PVR 07-09-2014	GR	DEC.	INCHES		CHK	RD 11-12-2014				
9	ADDED 4A, 5A, & 6A "IF REQUIRED" MU44987	MSG 01-07-2002	SAS	.X	± -		APPD	RD 11-12-2014				
8	ADDED ACTUAL PROTECTOR VIEW CN 17481	KL 05-18-1994		.XX	± -		SCALE	1=1				
7	REWORDED WEST PLAINS NOTE – PER WEST PLAINS	DD 01-12-1994		.XXX	± -	TITLE CONNECTION DIAGRAM SINGLE VOLT – 3Ø WITH OVERLOAD PROT.				REF		
6	REDRAWN ON CAD – "WEST PLAINS" NOTE ADDED	KL 08-26-1993		.XXXX	± -	MAT'L.				FMF		
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH				PREV		
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			DIST LB-WP			A			EE7335B			

CERTIFICATION DATA SHEET

Model#: 56T17G5322 D **WINDING#:** ZT411 FR 2
CONN. DIAGRAM: A-EE7335B **ASSEMBLY:** F1 ONLY
OUTLINE: B-104189-681

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	.56	1800	1725	56	EPFC	L	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	1.2	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 75.5	3/4 LOAD EFF: 74.5	1/2 LOAD EFF: 71	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 66.3	3/4 LOAD PF: 57	1/2 LOAD PF: 45.5	72	SQ CAGE IND RUN	.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
2.28 LB-FT	7.8	8.2 LB-FT 360	10 LB-FT 439	45

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.07 LB-FT^2	5 LB-FT^2	12 SEC.	2	25 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	EXP PROOF CL I GR C&D CL II GR F&G T3B	FALSE	NONE	GRAY (POWDER)

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

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE			

If Inverter equals NONE, contact factory for further information

*
N
O
T
E
S
*

INVERTER TORQUE: NONE
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

DATE: 06/29/2017 01:24:22 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.