

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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PRODUCT INFORMATION PACKET

Model No: 056T17G5316
Catalog No: G840
Hazardous Duty® Explosion Proof Motor, 0.75 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56C Frame, EPFC

Operational at 208-230/460 V @60HZ



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marathon® Motors

Nameplate Specifications

Phase	3	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.0
Frame	56C	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Automatic	Efficiency	75.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	3.0/1.5 A	Power Factor	66.3
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	DIV 1 EXP PROOF CL I GR CD CL II GR FG T3B

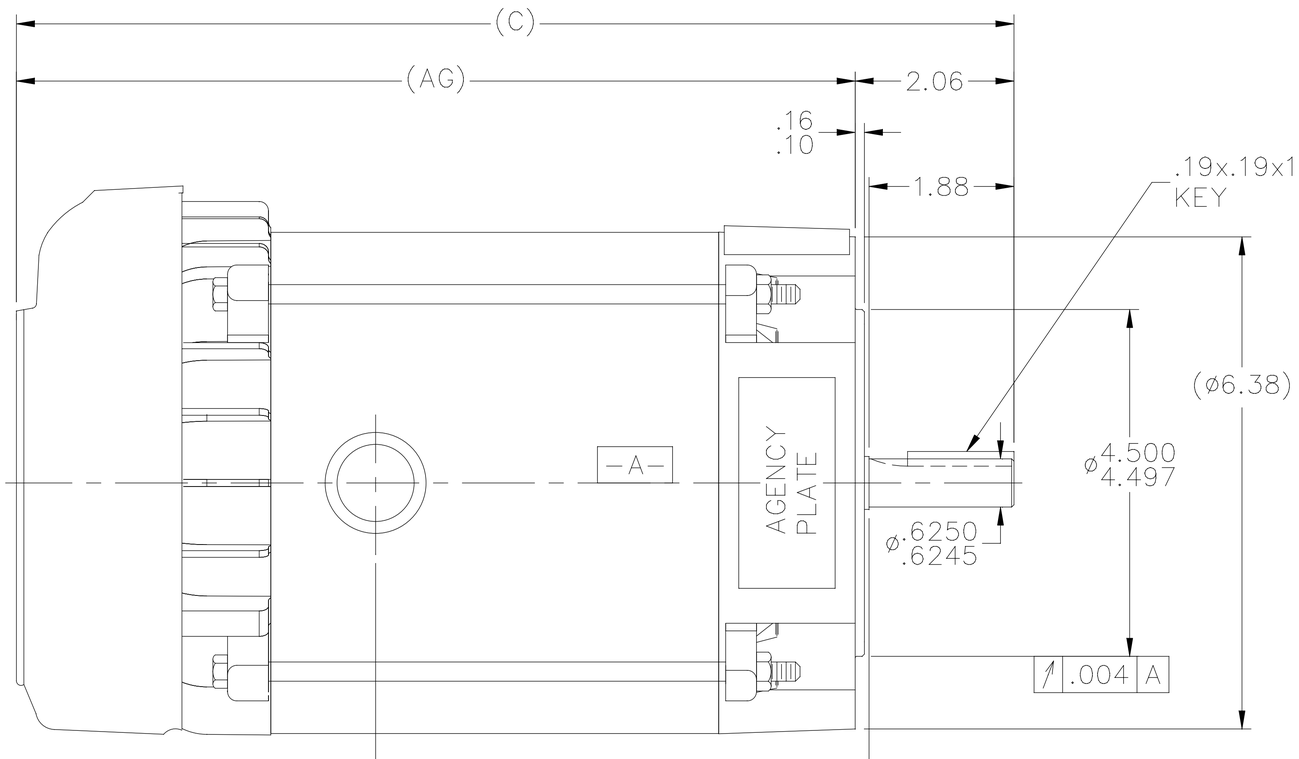
Technical Specifications

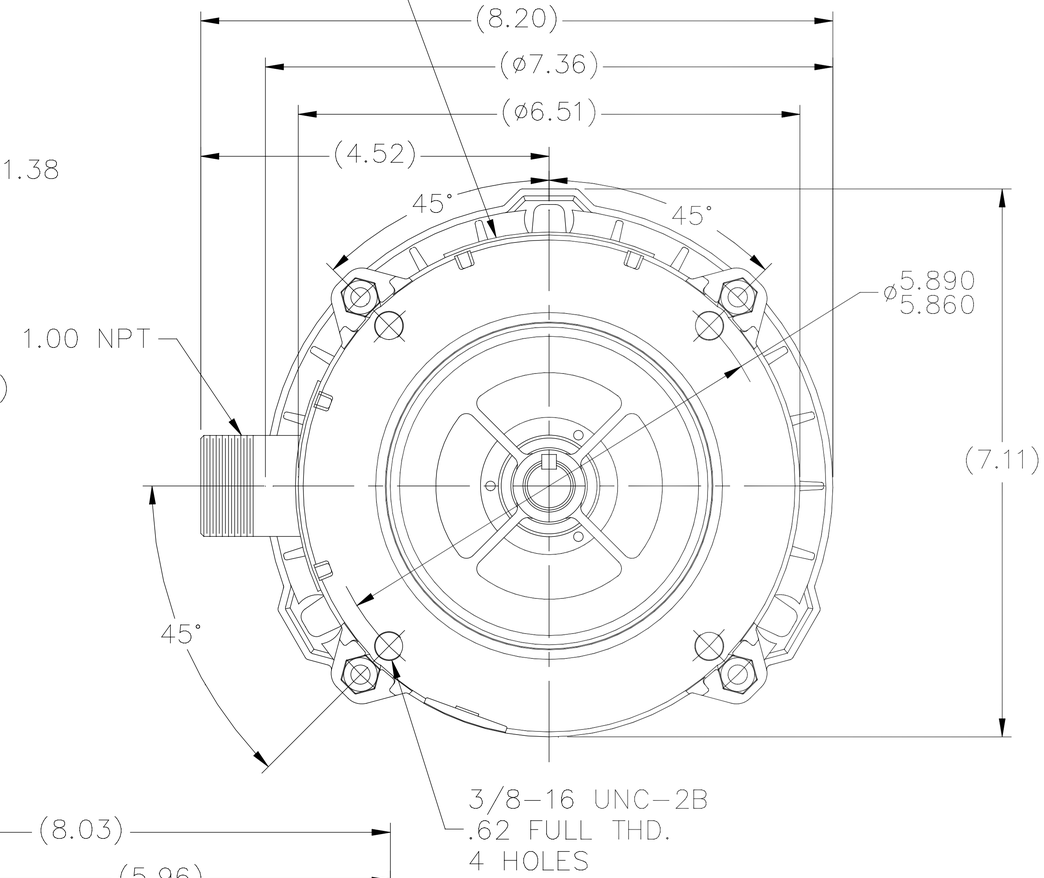
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	23.2 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	13.94 in
Frame Length	6.81 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	B-104188-681	Connection Drawing	A-EE7335

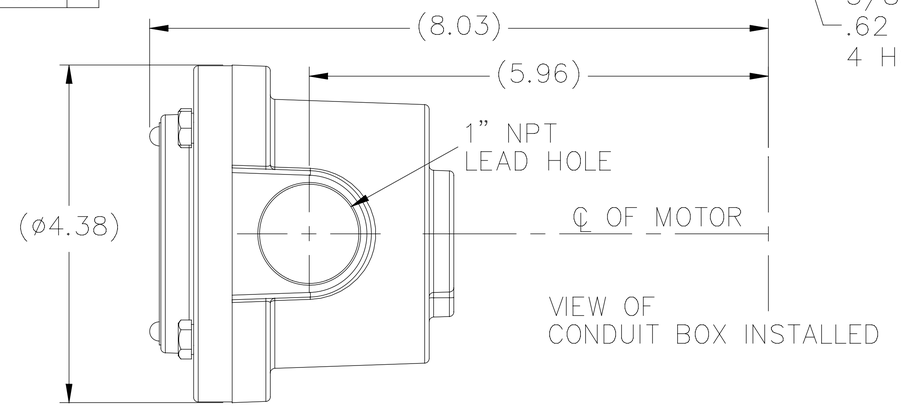
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104188

NAMEPLATES TO BE READ
FROM SHAFT EXT. END.







DASH	(C)	(AG)	BV		
631	13.44	11.38	6.90		
681	13.94	11.88	7.40		
731	14.44	12.38	7.90		
781	14.94	12.88	8.40		
831	15.44	13.38	8.90		
881	15.94	13.88	9.40		
931	16.44	14.38	9.90		
981	16.94	14.88	10.40		

NO.	REVISION	BY & DATE	CHK
6		SL 09/15/15	
5	COND. BOX INSTALLED VIEW UPDATED PER ECR–0044571	UD 10/10/13	ST
4	REVISED C'BOX PER CN40784A	JJB 02/23/2007	ML
3	REDRAWN IN AUTOCAD	TAT 06–28–2004	ML
2	ADDED CONDUIT BOX VIEW CN 26686	MRB 03–22–1999	
1	NEW DRAWING CN 23099	MH 12–02–1996	SM

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

REGAL™ Regal Beloit America, Inc.

DRAWN	MH 11–21–1996
CHK	ML 11–25–1996
APPD	GK 12–02–1996
SCALE	17=32
REF	
FMF	
PREV	

TITLE OUTLINE – 'C' FACE
56C/145TCZ FR – EXP PR.

MAT'L.

FINISH

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RFP

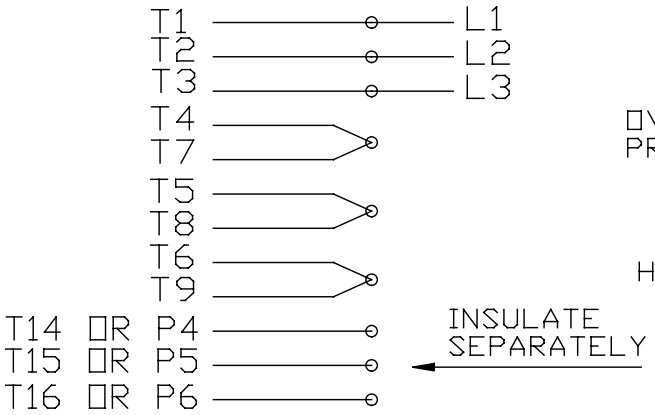
DIST WP

CAD FILE 104188

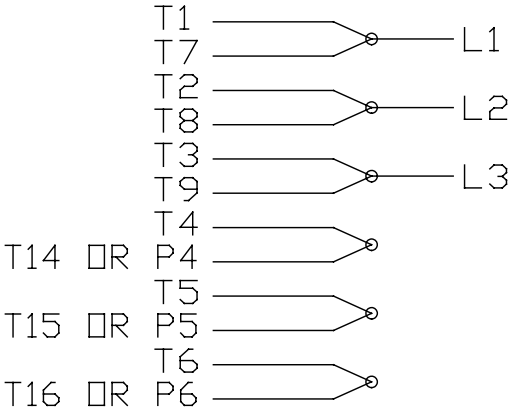
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B	104188			6

EE7335

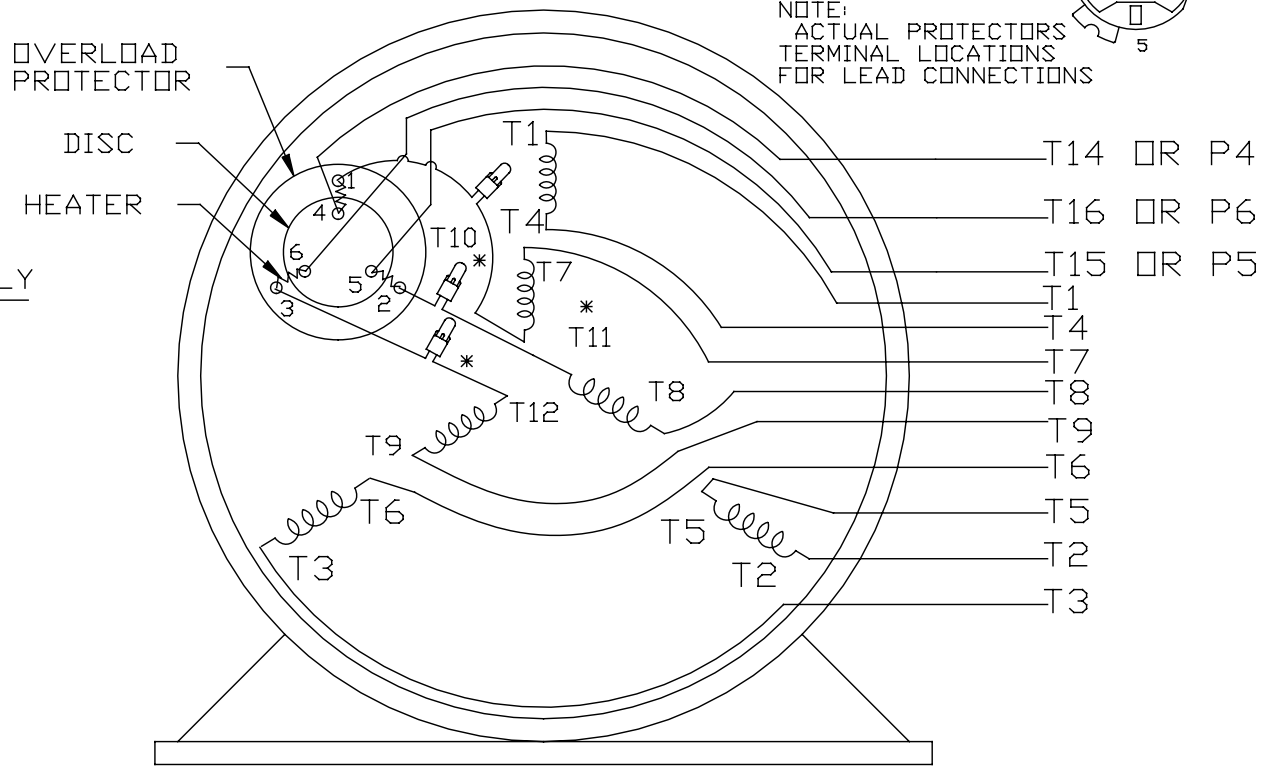
HIGH VOLTAGE CONNECTIONS

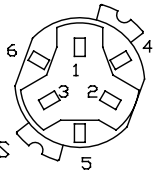


LOW VOLTAGE CONNECTIONS



THREE PHASE - DUAL VOLTAGE MOTOR WITH OVERLOAD PROTECTOR





NOTE:
ACTUAL PROTECTORS TERMINAL LOCATIONS FOR LEAD CONNECTIONS

VIEW OF TERMINAL END

T2K
T4D
T6AN

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

NO.	REVISION	BY & DATE	CHK
17	CHANGED LOGO FROM MARATHON TO REGAL	KIR 02/16/16	AB
16	PRESSURE CONNECTORS QUANTITY WAS 6	PVR 10/29/13	GR
15	PRESSURE CONNECTORS ADDED	GR 03/04/13	SR
14	ADDED ACTUAL PROCECTOR VIEW CN 17481	KL 05/18/94	
13	REDRAWN IN AUTO CAD	KL 08/11/93	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

REGAL™ Regal Beloit America, Inc.

TITLE: CONNECTION DIAGRAM 3Ø-DUAL VOLT WITH OVERLOAD PROTECTOR

MAT'L.
FINISH
RFP
DIST
CAD FILE EE7335

DRAWN	KL 08-09-1993
CHK	ML 08/10/1993
APPD	GK 08/10/1993
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. EE7335 | REV. 17

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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