PRODUCT INFORMATION PACKET

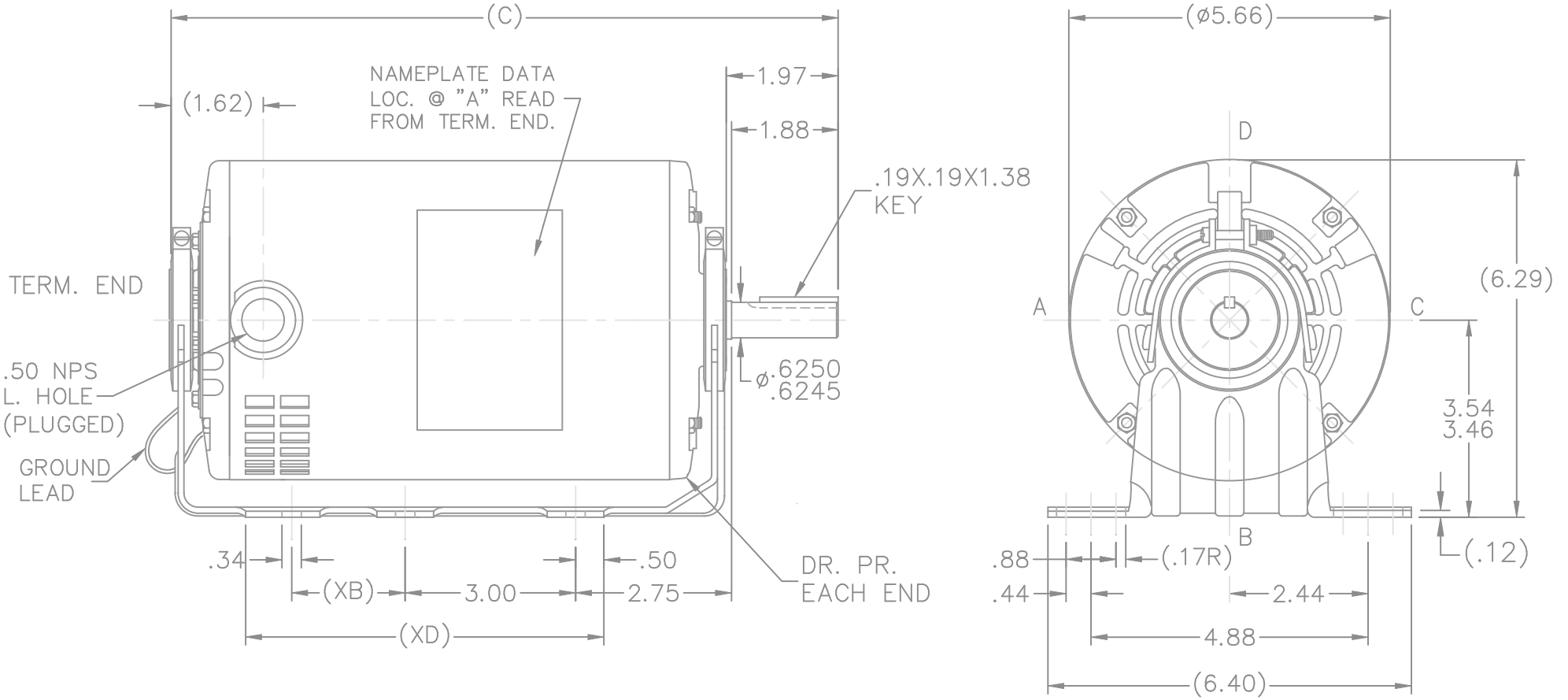
Model No: 056T17D2118
Catalog No: G961
1/2,1800,DP,56,3/60/575
Fan and Blower

Nameplate Specifications

Output HP	**0.50 Hp**	Output KW	**0.37 kW**
Frequency	**60 Hz**	Voltage	**575 V**
Current	**0.90 A**	Speed	**1725 rpm**
Service Factor	**1.25**	Phase	**3**
Efficiency	**70 %**	Duty	**Continous**
Insulation Class	**B**	Design Code	**B**
KVA Code	**M**	Frame	**56Z**
Enclosure	**Drip Proof**	Overload Protector	**No**
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	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Reversible**
Mounting	**Resilient Base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Rolled Steel**	Shaft Type	**NEMA 56**
Overall Length	**10.47 in**	Frame Length	**6.50 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.97 in**
Assembly/Box Mounting	**F1 Only**		
Outline Drawing	**A-SS75077-650**	Connection Diagram	**A-EE7300**



DASH	XB	XD	C	DASH	XB	XD	C
11-9-90 600	0	4.50	9.97	750	2.00	6.00	11.47
650	0	5.00	10.47				
700	0	5.50	10.97	800	2.00	6.50	11.97

NO.	REVISION		BY & DATE	CHK
8	UPDATED DRAWING		TJW 04/13/2007	
7	FIXED FEET DIMENSIONS		RJW 04-11-2005	ML
6	REDRAWN IN AUTOCAD		TAT 09-01-2004	ML
5	ADDED NEW FRONT BRACKET	CN 20124	RJM 04-04-1995	
4	ADDED NEW REAR BRACKET	CN 19513	KL 12-12-1994	
3	.50 NPS WAS .50 NPT.	CN 6642	RM 11-13-1991	

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

MARATHON ELECTRIC

TITLE OUTLINE

MAT'L.

FINISH

CAD FILE ss75077

RFP

DIST WP

DRAWN	SMC 11-01-1990
CHK	MOL 11-02-1990
APPD	GK 11-02-1990
SCALE	3=8
REF	
FMF	
PREV	

SIZE	DRAWING NO. PAGE OF	REV.
A	SS75077	8

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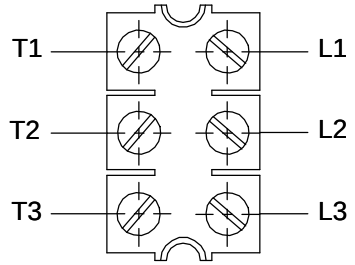
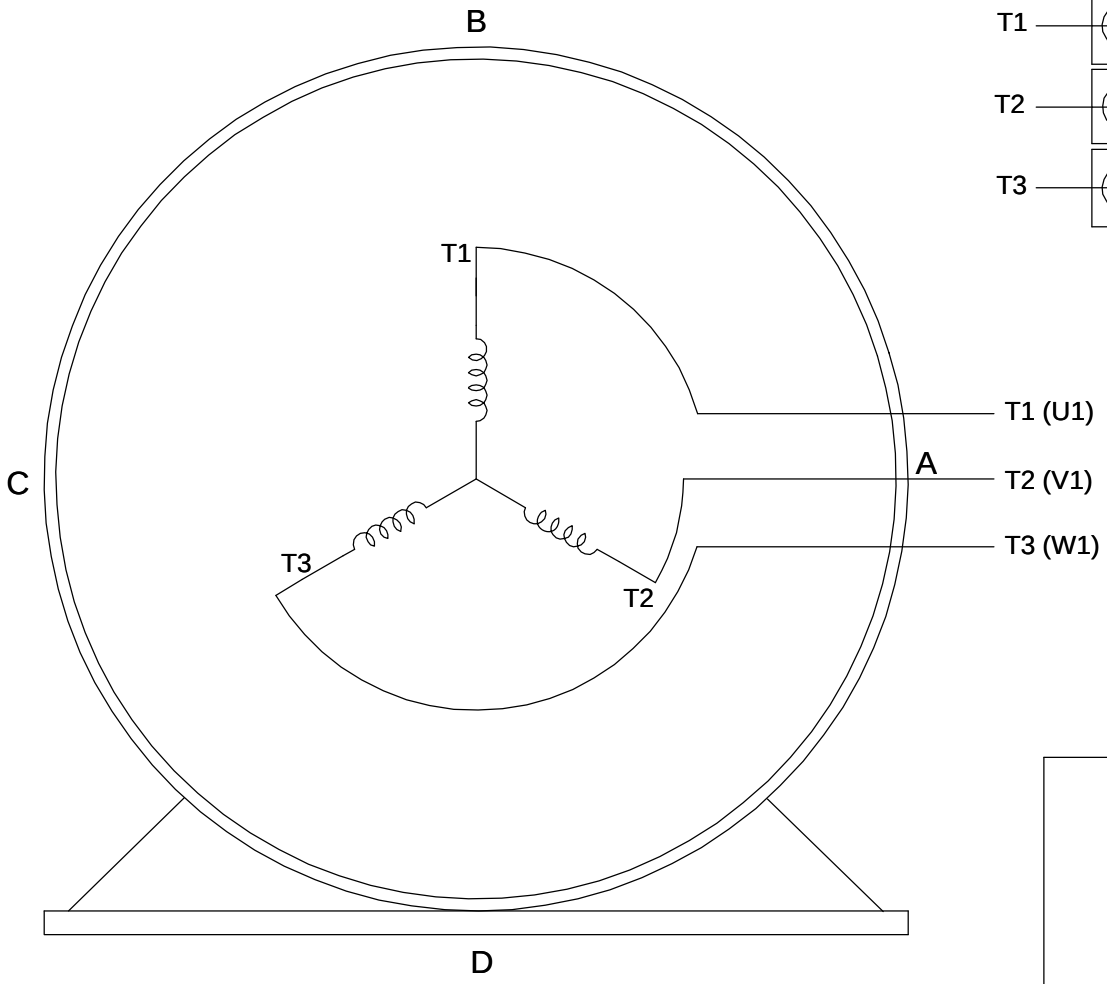
THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

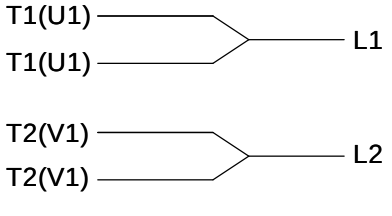
TERMINAL BLOCK WHEN SPECIFIED





VIEW OF TERMINAL END

IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION

L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION: AB	REVISION BY: JJB	DATE: 06-27-2017
ECO: ECO-0125361	APPROVED BY: TB	DATE: 06-27-2017
ECO DESCRIPTION: UPDATED TO CURRENT STANDARDS		

DRAWN BY: DA	
DATE: 03-26-1993	
APPROVED BY: TB	
DATE: 03-26-1993	
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.

DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	EE7300	1 OF 1

CERTIFICATION DATA SHEET

Model#:	56T17D2118 E	**WINDING#:**	TE48415 NONE 5
CONN. DIAGRAM:	A-EE7300	**ASSEMBLY:**	F1 ONLY
OUTLINE:	A-SS75077-650		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2	.37	1800	1725	56Z	DP	M	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	.9	ACROSS THE LINE	CONTINUOUS	B3	1.25	40	3300

FULL LOAD EFF: 70	3/4 LOAD EFF: 68.5	1/2 LOAD EFF: 60.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 64	**3/4 LOAD PF: 53**	**1/2 LOAD PF: 42**	66	SQ CAGE IND RUN	.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1.52 LB-FT	5.1	6.2 LB-FT 408	7.3 LB-FT 480	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
56 dBA	66 dBA	0.045 LB-FT^2	0 LB-FT^2	10 SEC.	0	20 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL 6203	BALL 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	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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

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FORM 3531 REV.3 02/07/99
** Subject to change without notice.