PRODUCT INFORMATION PACKET

Model No: 056T34F5308
Catalog No: G569
1/2,3450,TEFC,56C,3/60/208-230/460
Totally Enclosed Fan Cooled (TEFC)

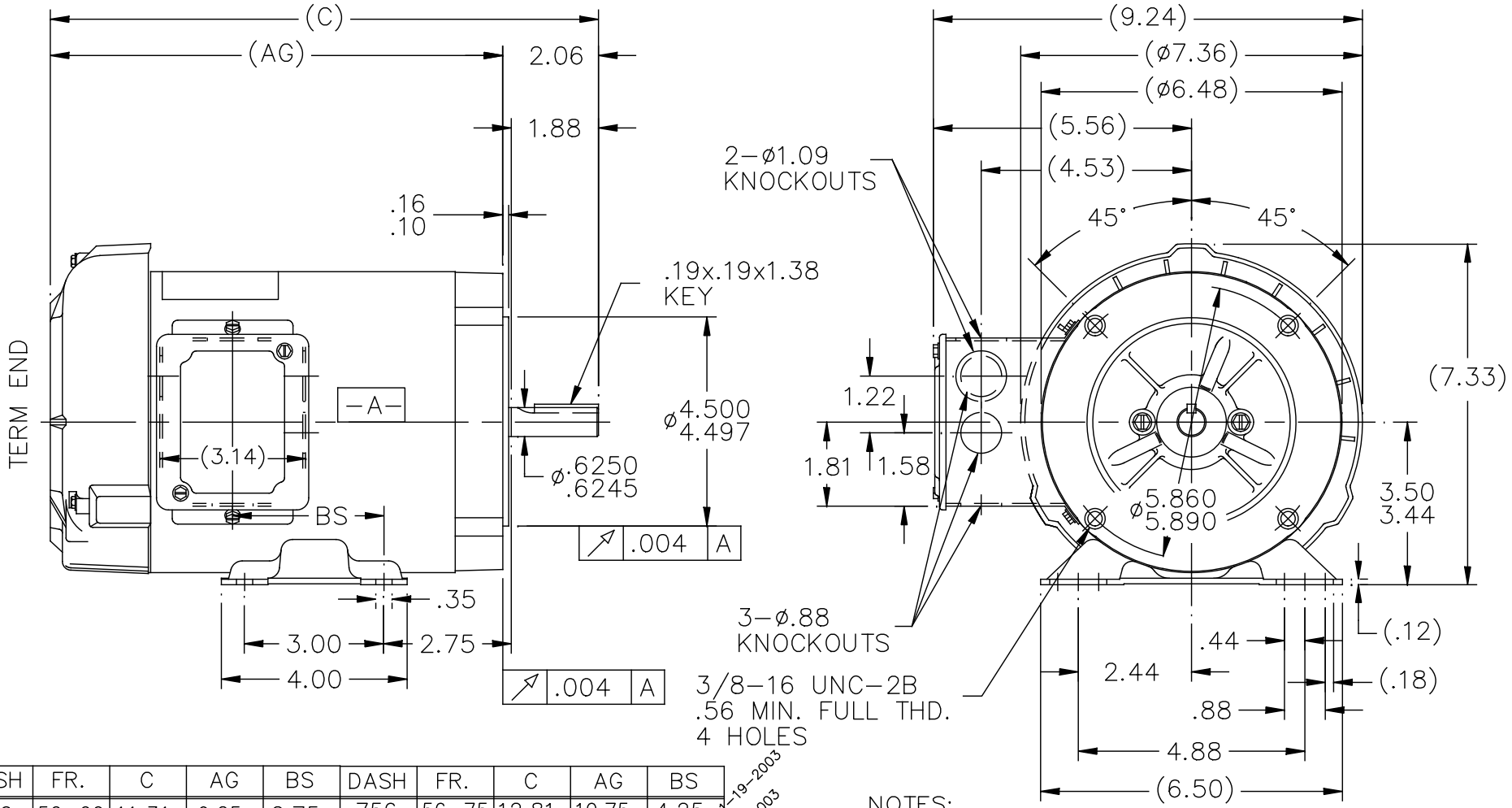
Nameplate Specifications

Output HP	**0.50 Hp**	Output KW	**0.37 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**2.0-2.2/1.1 A**	Speed	**3450 rpm**
Service Factor	**1.25**	Phase	**3**
Efficiency	**66 %**	Duty	**Continous**
Insulation Class	**B**	Design Code	**B**
KVA Code	**P**	Frame	**56C**
Enclosure	**Totally Enclosed Fan Cooled**	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	**43**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Rolled Steel**	Shaft Type	**NEMA 56**
Overall Length	**11.81 in**	Frame Length	**6.56 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**2.06 in**
Assembly/Box Mounting	**F1 Only**		
Outline Drawing	**A-100110-656**	Connection Diagram	**A-EE7308**

100110



DASH	FR.	C	AG	BS	DASH	FR.	C	AG	BS
606	56–60	11.31	9.25	2.75	756	56–75	12.81	10.75	4.25
656	56–65	11.81	9.75	3.25	806	56–80	13.31	11.25	4.75
706	56–70	12.31	10.25	3.75	856	56–85	13.81	11.75	5.25

11–19–2003
11–19–2003
06–13–2011

NOTES:
1. CONDUIT BOX CAN BE ROTATED 180°
2. NAMEPLATE READ FROM CONDUIT BOX SIDE OF MOTOR.

NO.	REVISION	BY & DATE	CHK
5	CHANGED LOGO TO REGAL	SL 04/20/2016	SM
4	AD'D NAMEPLATE LOC. CN 27400–296	BLR 08/05/1999	ML
3	REDRAWN ON CADD – NO CHANGE 4128208	KL 04/01/1998	ML

TOLERANCES UNLESS SPECIFIED

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

REGAL™ Regal Beloit America, Inc.

TITLE OUTLINE
56 FR. – TEFC – 3ø – C'FACE

MAT'L.

FINISH

CAD FILE 100110

RFP

DIST WP

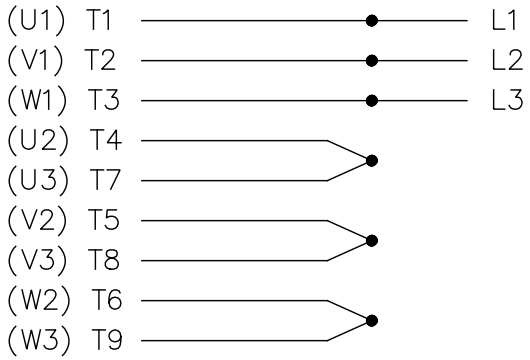
DRAWN	KL 02/28/1994
CHK	ML 02/28/1994
APPD	ET 03/02/1994
SCALE	5=16
REF	
FMF	MU48878
PREV	

SIZE	DRAWING NO. PAGE OF	REV.
A	100110	5

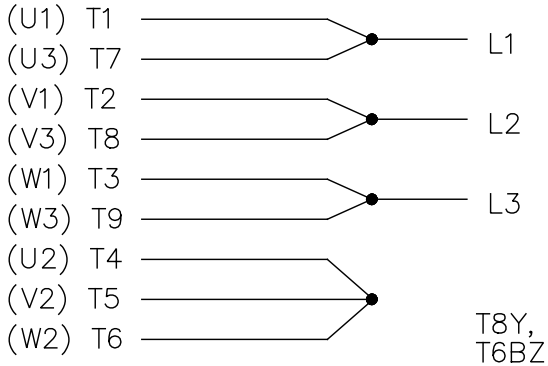
EE7308

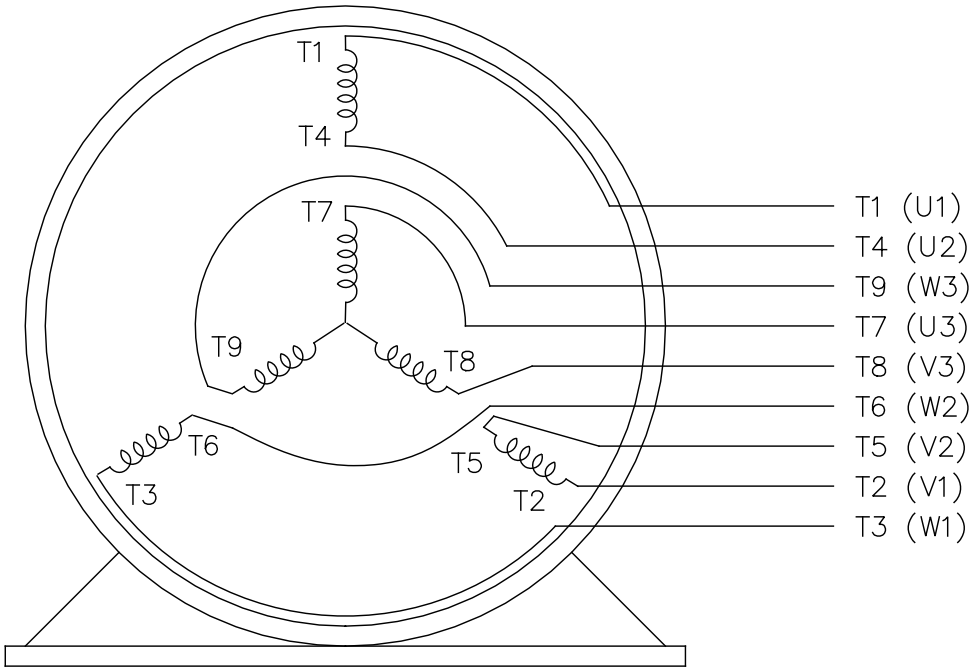
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE





VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

NO.	REVISION	BY & DATE	CHK
5	CHG TO REGAL LOGO	SL 09/10/2015	AB
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS
1	REDRAWN	RM 11/20/1990	

TOLERANCES UNLESS SPECIFIED

ANG	DEC.	INCHES
	.X	±.1
	.XX	±.02
	.XXX	±.005
	.XXXX	±.0005
	ANG	±7'30"

Regal Beloit America, Inc.

TITLE CONNECTION DIAGRAM
3ø – DUAL VOLTAGE MOTOR

MAT'L.

FINISH

CAD FILE ee7308

RFP

DIST WP

DRAWN RM	11/20/1990
CHK ML	11/21/1990
APPD SAS	04/24/2003
SCALE	1=1
REF	
FMF	
PREV	

SIZE	DRAWING NO. PAGE OF	REV.
A	EE7308	5

CERTIFICATION DATA SHEET

Model#:	56T34F5308 B	**WINDING#:**	ZT206 FR 3
CONN. DIAGRAM:	A-EE7308	**ASSEMBLY:**	F1 ONLY
OUTLINE:	A-100110-656		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2&1/3	.37&.25	3600	3450&2850	56C	TEFC	P	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208-230/460#190/380	2-2.2/1.1&2.0/1.0	ACROSS THE LINE	CONTINUOUS	B3	1.25/1.15	40	3300

FULL LOAD EFF: 66&62	3/4 LOAD EFF: 64.5	1/2 LOAD EFF: 56.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 69.7&66	3/4 LOAD PF: 63.5	1/2 LOAD PF: 53	62	SQ CAGE IND RUN	1.4 / .7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
0.76 LB-FT	16 / 8	3 LB-FT 395	3.8 LB-FT 500	35

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
68 dBA	78 dBA	0.02 LB-FT^2	1.5 LB-FT^2	10 SEC.	2	22 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	BRAKE	RIGID	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: PROVISIONS FOR KIT NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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** Subject to change without notice.