PRODUCT INFORMATION PACKET

Model No: 056T17F5348
Catalog No: D450
Brake Motor, 0.33 & 0.25 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM, 56C Frame, TEFC

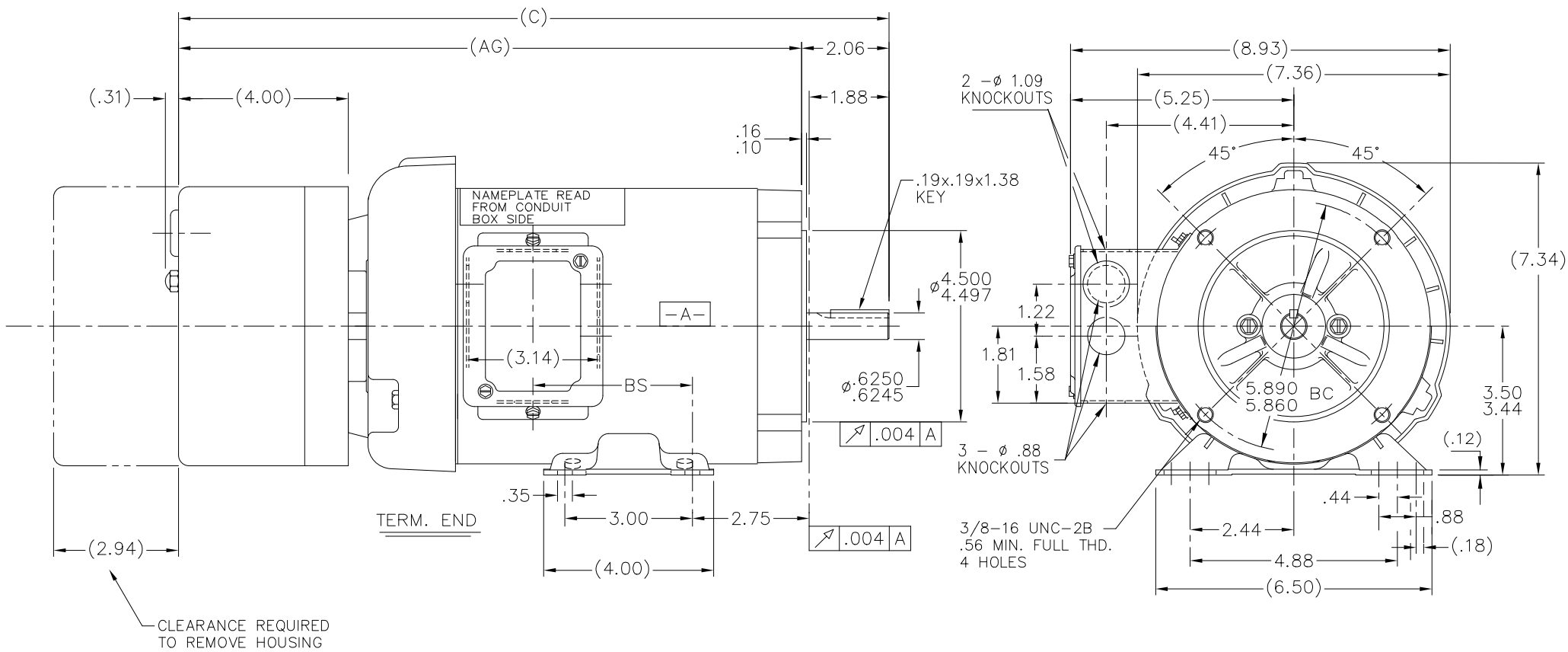
Nameplate Specifications

Phase	3	Output HP	0.33 & 0.25 Hp
Output KW	0.25 & 0.19 kW	Voltage	208-230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	68 & 68 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	1.5-1.6/.8 & 1.4/.7 A	Power Factor	61.9
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	N
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	44.4 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	15.73 in
Frame Length	6.06 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308	Outline Drawing	A-104406-606

104406



DASH	FR.	C	AG	BS	DASH	FR.	C	AG	BS
606	56–60	15.73	13.67	2.75					
656	"–65	16.23	14.17	3.25	856	56–85	18.23	16.17	5.25
706	"–70	16.73	14.67	3.75					

12-22-2004

NOTES:

CONDUIT BOX CAN BE ROTATED 180°
REMOVABLE BASE

NO.	REVISION	BY & DATE	CHK
2	CHG FROM MARATHON TO REGAL REXNORD LOGO	KVDG 05-15-2024	DS
1	NEW DRAWING MU16926	MJD 02-11-1998	

TOLERANCES UNLESS SPECIFIED

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

Regal Rexnord Regal Beloit America, Inc.

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

MAT'L.

FINISH

CAD FILE 104406

RFP

DIST WP

DRAWN MJD 01–27–1998
CHK ML 01–28–1998
APPD MS 02–11–1998
SCALE 7=16
REF
FMF
PREV

SIZE B | DRAWING NO. 104406 | PAGE OF | REV. 2

EE7308

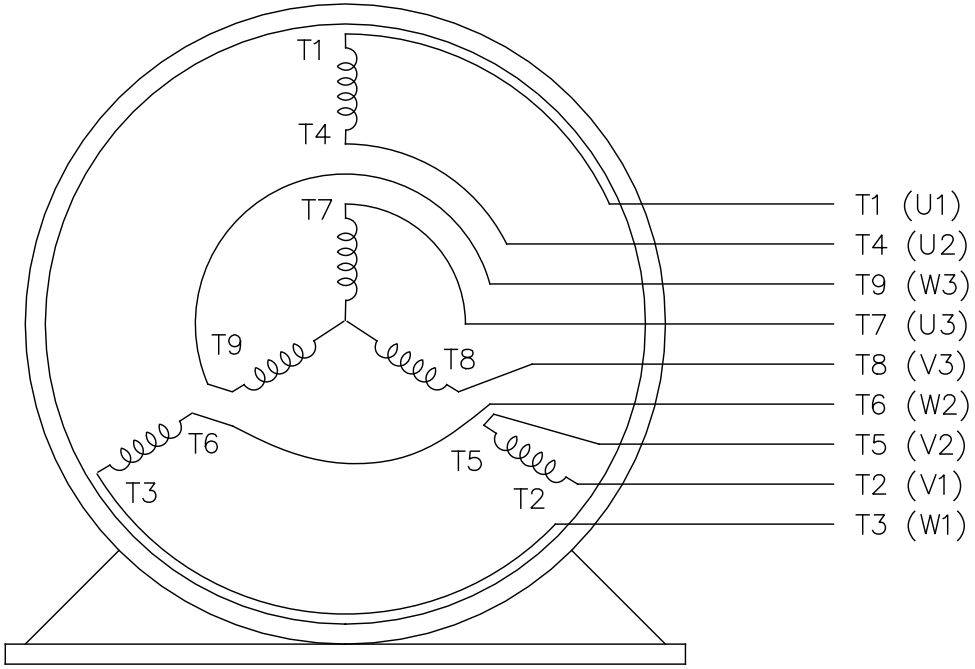
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE

(U1) T1 — L1
(V1) T2 — L2
(W1) T3 — L3
(U2) T4
(U3) T7
(V2) T5
(V3) T8
(W2) T6
(W3) T9

LOW VOLTAGE

(U1) T1
(U3) T7 — L1
(V1) T2
(V3) T8 — L2
(W1) T3
(W3) T9 — L3
(U2) T4
(V2) T5
(W2) T6



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 A | DRAWING NO. EE7308 | PAGE OF | REV. 5

CERTIFICATION DATA SHEET

Model#:	56T17F5348 B	**WINDING#:**	ZT412 FR 3
CONN. DIAGRAM:	A-EE7308	**ASSEMBLY:**	F1 ONLY
OUTLINE:	A-104406-606		

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	56C	TEFC	N	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208-230/460#190/380	1.5-1.6/.8&1.4/.7	ACROSS THE LINE	CONTINUOUS	B3	1.15/1.15	40	3300

FULL LOAD EFF: 68&68	3/4 LOAD EFF: 67.5	1/2 LOAD EFF: 66.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 61.9&58	**3/4 LOAD PF: 51**	**1/2 LOAD PF: 40**	64	SQ CAGE IND RUN	1 / .5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1 LB-FT	10 / 5	4.3 LB-FT 430	5.3 LB-FT 530	25

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.04 LB-FT^2	2 LB-FT^2	15 SEC.	2	24 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	BRAKE	BOLT-ON	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

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

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: REGAL SUPPLIED AND MOUNT
NONE
STEARNS P/N 91697-3A1KB
56,000 NEMA 2
3 FT-LB 208-230/460-190/380 V
60/50 Hz

* NOTES *

DATE: 06/21/2017 09:25:49 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.

Data Sheet

Date: 1/2/2019
Customer:
Attention:
Submitted by: FAREEDA DUDEKULA

56T17F5348

Submittal

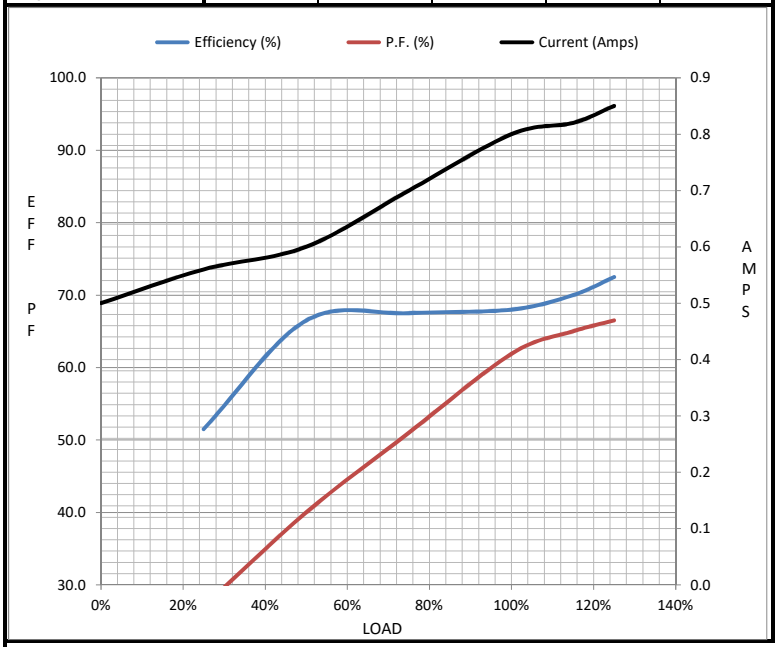
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	0.50	0.56	0.60	0.70	0.80	0.82	0.85	5.0	
Torque (ft-lb)	0.00	0.25	0.50	0.75	1.00	1.20	1.30	4.3	
RPM	1800	1785	1770	1750	1725	1,720	1715	0	
Efficiency (%)		51.5	66.5	67.5	68.0	70.0	72.5		
P.F. (%)	12.5	27.0	40.0	51.0	61.9	65.0	66.5	70.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1565	1725	1800
Current (Amps)	5.0	4.5	3.6	0.80	0.50
Torque (ft-lb)	4.3	3.9	5.3	1.00	0.00

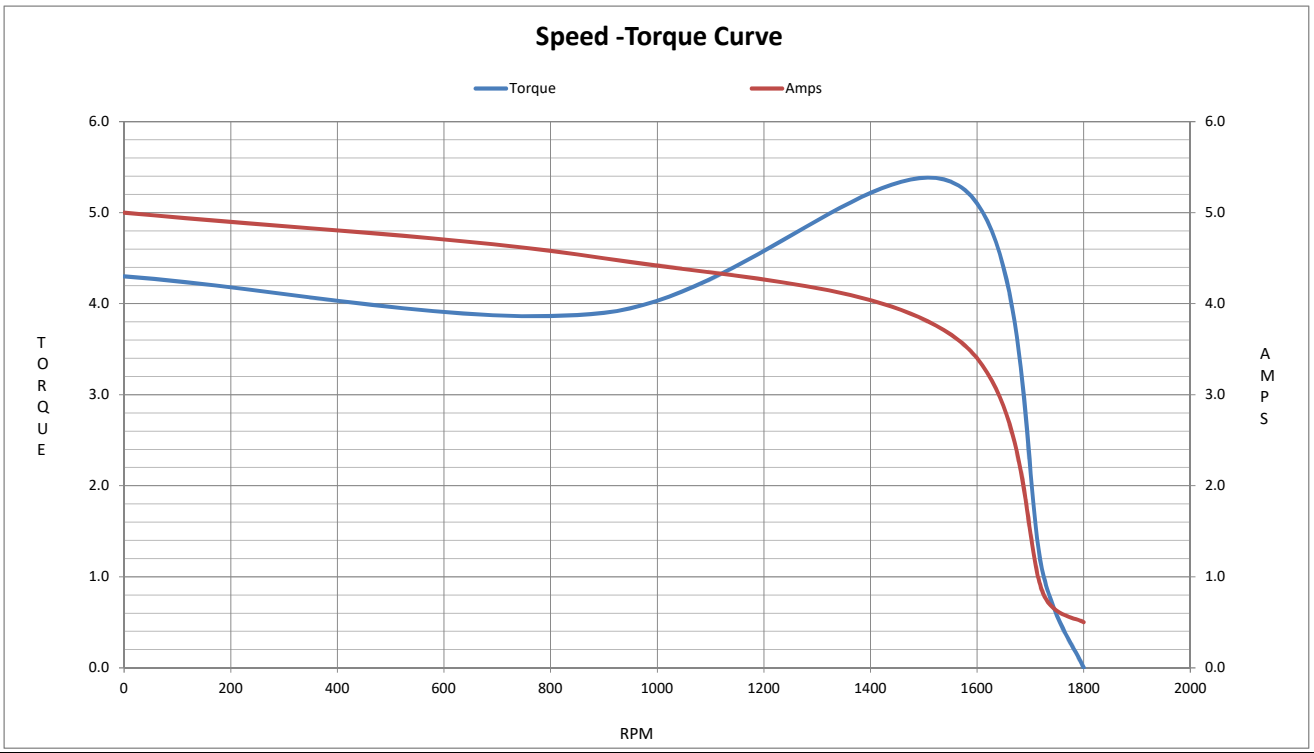


Information Block

HP	0.3
Sync. RPM	1800
Frame	56
Enclosure	TEFC
Construction	TS
Voltage	208-230/460#190/380 V
Frequency	60 Hz
Design	B
LR Code letter	N
Service Factor	1.15
Temp Rise @ FL	25 ° C
Duty	CONT
Ambient	40 ° C
Elevation	3300 feet
Rotor/Shaft wk²	0.04 Lb-Ft²
Ref Wdg	ZT412 FR
Sound Pressure @ 1M	62 dBA
VFD Rating	NONE
Outline Dwg	A-104406-606
Conn. Diag	A-EE7308
Additional Specifications:	
0	
0	

EQUIV CKT (OHMS / PHASE)

R1	R2	X1	X2	Xm
23.9940	18.2320	27.8640	18.5760	489.3400



REV. NOTE - CHANGED FROM MARATHON TO LEESON LOGO - 08/04/2025

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 056T17F5348

(Model No. may contain prefix and/or suffix characters)

Catalog No : D450

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)
EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:

Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

CE 25