



Nameplate Specifications

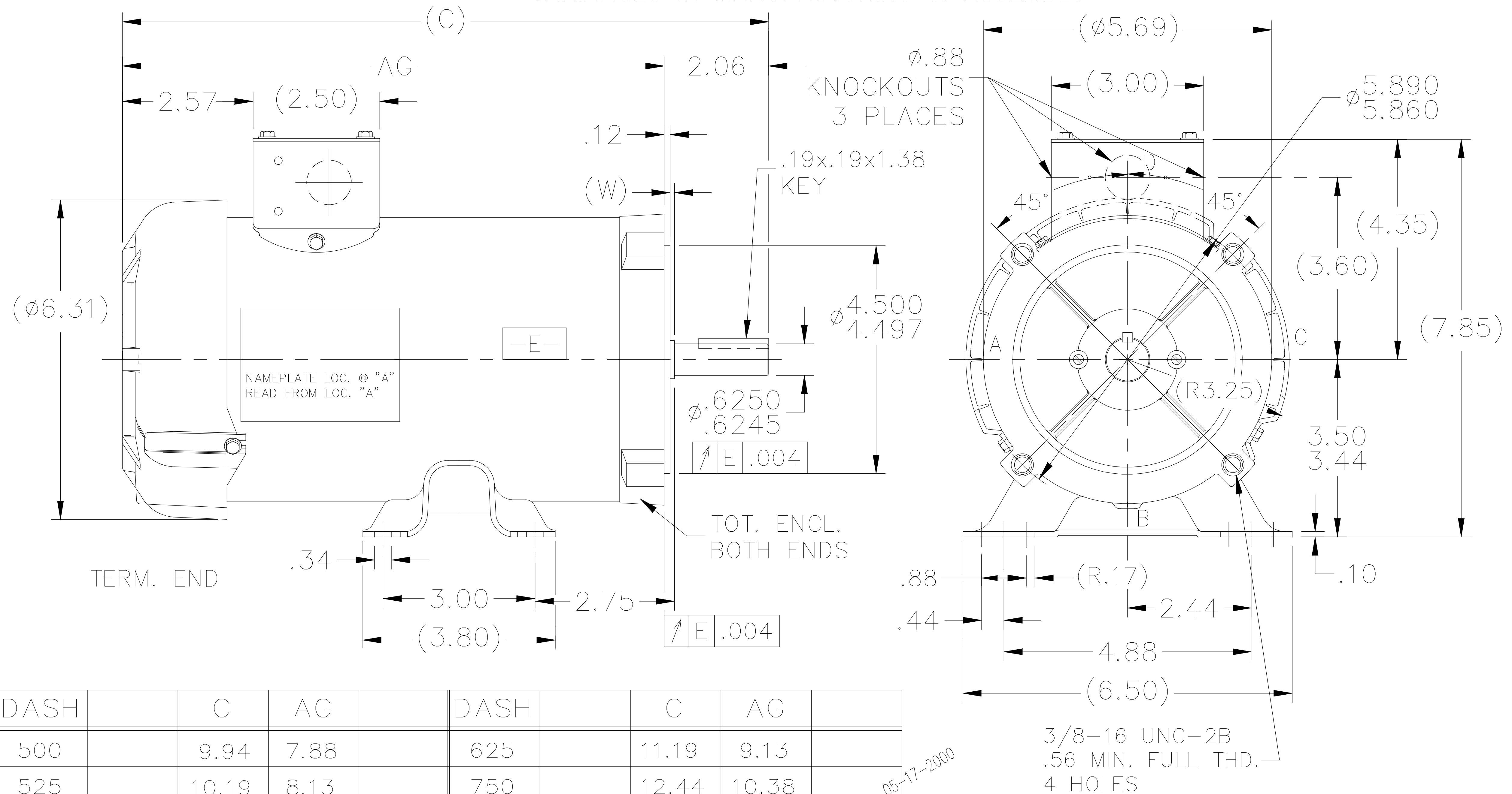
Phase	3	Output HP	1 Hp
Output KW	0.75 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.0
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	78.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	3.2/1.6 A	Power Factor	77.5
Duty	Continuous	Insulation Class	H
Design Code	INV	KVA Code	K
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 Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	16.6 Ohms	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	12.44 in
Frame Length	7.50 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 20:1		
Connection Drawing	A-EE7308	Outline Drawing	A-SS75928-750

SS75928

'W' = CLEARANCE ALLOWED FOR ALL VARIANCES IN MANUFACTURING & ASSEMBLY



DASH	C	AG	DASH	C	AG
500	9.94	7.88	625	11.19	9.13
525	10.19	8.13	750	12.44	10.38
575	10.69	8.63			

NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV
6	UPDATED LOGO	SG 02/18/20	PVR	TOLERANCES UNLESS SPECIFIED			DRAWN DD 08-27-1993
5	UPDATED DRAWING	TJW 04/20/2007		DEC.	INCHES		CHK ML 08-30-1993
4	CHANGED TO LEESON CONDUIT BOX PER CN39440-2	TJW		.X	±.1		APPD JAY 08-31-1993
3	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.XX	±.03	TITLE OUTLINE	SCALE 11=32
2	REVISED NAMEPLATE LOCATION CN 34681	NJS 02-19-2002	DRS	.XXX	±.005		REF
1	NEW DRAWING 4069675	NJS 02-19-2002	ML	.XXXX	±.0005	MAT'L.	FMF
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	ss75928	SIZE	DRAWING NO. PAGE OF REV.
			DIST	WP		A	SS75928 6



EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



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	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02			SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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 ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					



Regal Beloit America, Inc.

NONE	P/N	NONE	
NONE	NONE		
NONE FT-LB		NONE V	NONE Hz

DATE: 06/28/2017 01:05:58 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.

Data Sheet

Date: 11/30/2017

56H17F2021

Customer: _____



Attention: _____

Submittal

Submitted by: EARL BABBITTS

Data @ 460 V

Motor Load Data

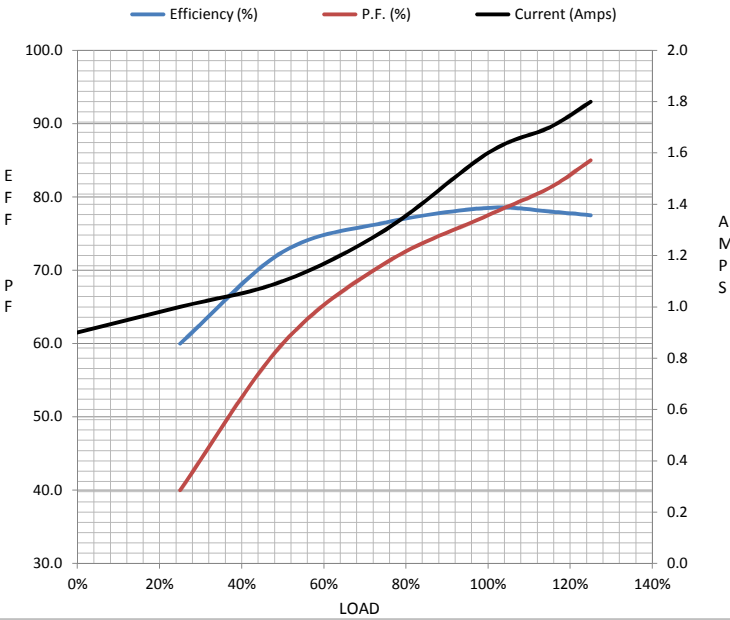
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.90	1.00	1.10	1.30	1.60	1.70	1.80	11.5
Torque (ft-lb)	0.00	0.74	1.50	2.30	3.0	3.5	4.0	12.5
RPM	1800	1780	1760	1740	1725	1,715	1700	0
Efficiency (%)		60.0	72.5	76.5	78.5	78.0	77.5	
P.F. (%)	16.0	40.0	60.0	71.0	77.5	81.3	85.0	75.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1650	1725	1800
Current (Amps)	11.5	10.5	7.6	1.60	0.90
Torque (ft-lb)	12.5	11.3	12.0	3.0	0.00

Information Block

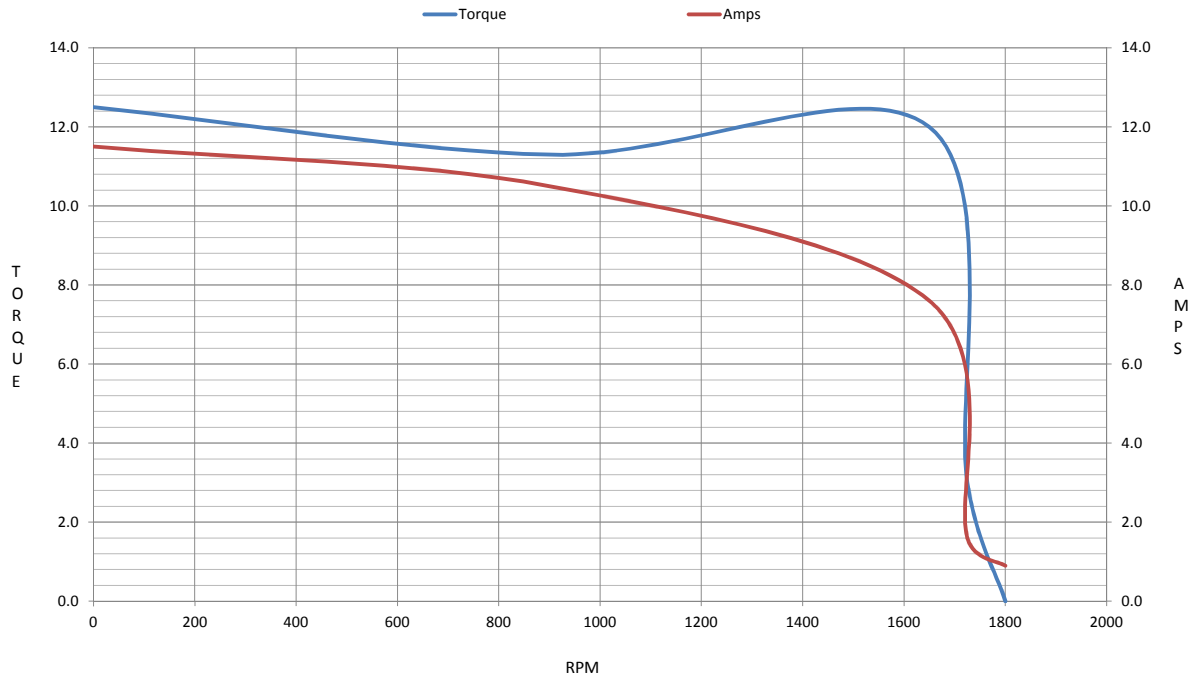
HP	1.0
Sync. RPM	1800
Frame	48
Enclosure	TEFC
Construction	TFR
Voltage	230/460 V
Frequency	60 Hz
Design	B
LR Code letter	K
Service Factor	1.0
Temp Rise @ FL	62 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk ²	0.09 Lb-Ft ²
Ref Wdg	TE48421 R1
Sound Pressure @ 1M	60 dBA
VFD Rating	CONSTANT 20:1
Outline Dwg	A-SS75928-750
Conn. Diag	A-EE7308



Additional Specifications:

EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
10.8200	10.9340	12.3540	7.4690	292.5200

Speed - Torque Curve



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 : 056H17F2021

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

Catalog No : Y364

Rework No : N/A

Directives :

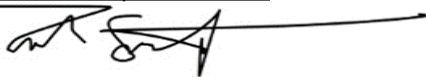
Low Voltage Directive 2014/35/EU

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