

PRODUCT INFORMATION PACKET



Model No: 056H17T2001

Catalog No: Y592

Speed Ratio Motor, 0.25 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56C Frame, TENV



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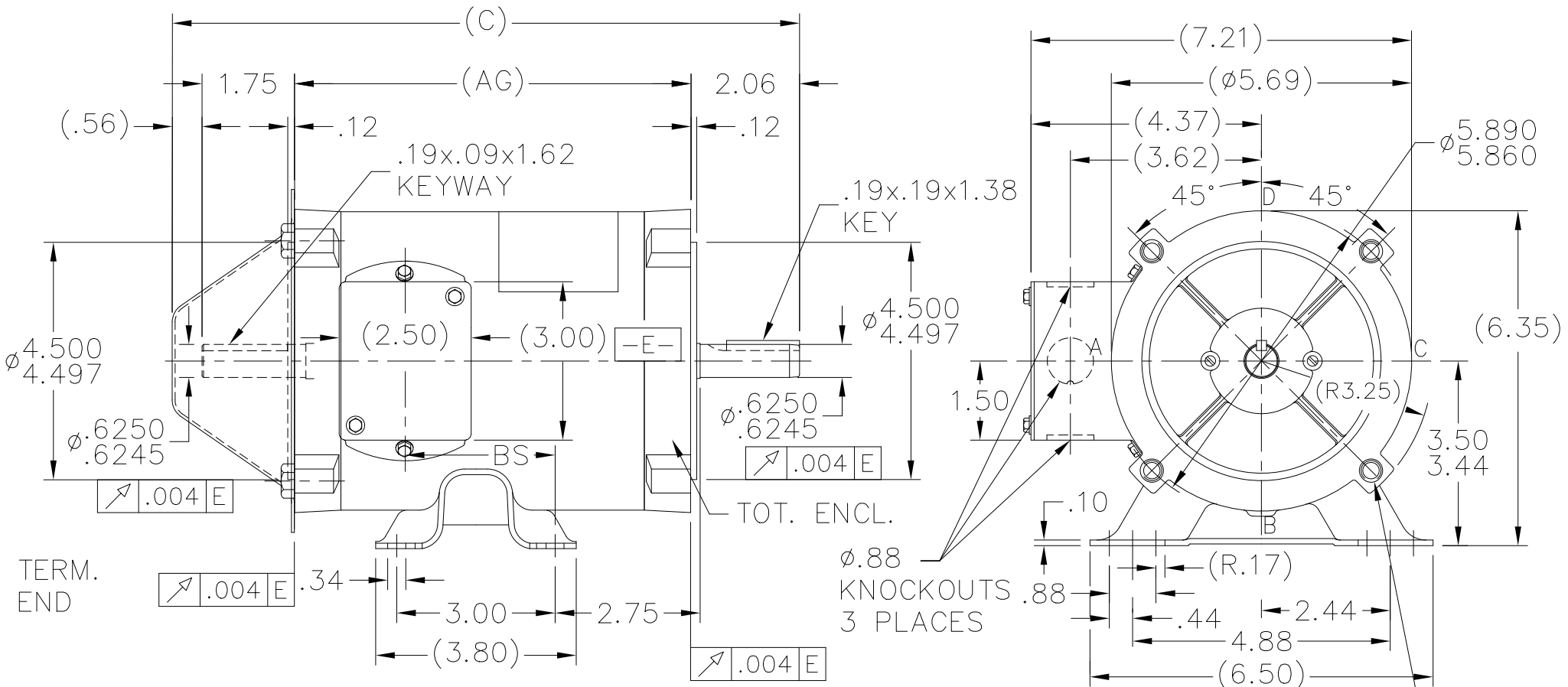


Nameplate Specifications

Phase	3	Output HP	0.25 Hp
Output KW	0.19 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.0
Frame	56C	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Efficiency	70 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.2/0.58 A	Power Factor	58
Duty	Continuous	Insulation Class	F
Design Code	INV	KVA Code	P
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	51.8 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	11.88 in
Frame Length	5.75 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 1000:1		
Outline Drawing	A-SS403151-575	Connection Drawing	A-EE7308T



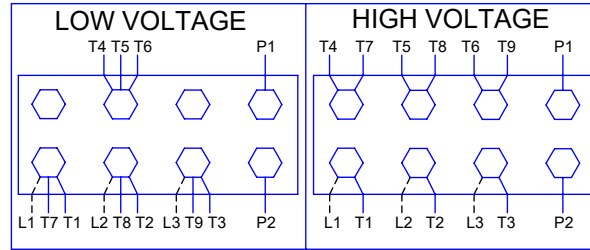
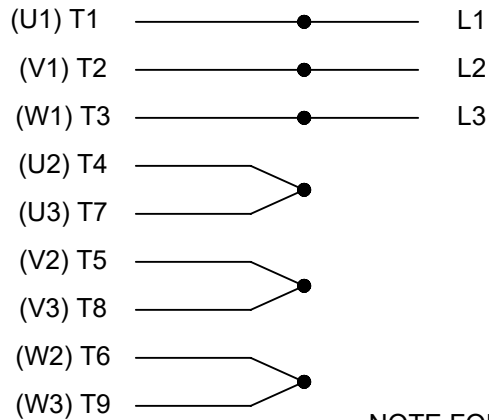
DASH	FR	C	AG	BS
575	56	11.88	7.50	2.84

NOTES:
 1- NAMEPLATE LOCATED AT 'D' TO BE READ FROM TERMINAL END

FACE MOUNTING DIMENSIONS ARE TYPICAL FOR EACH END

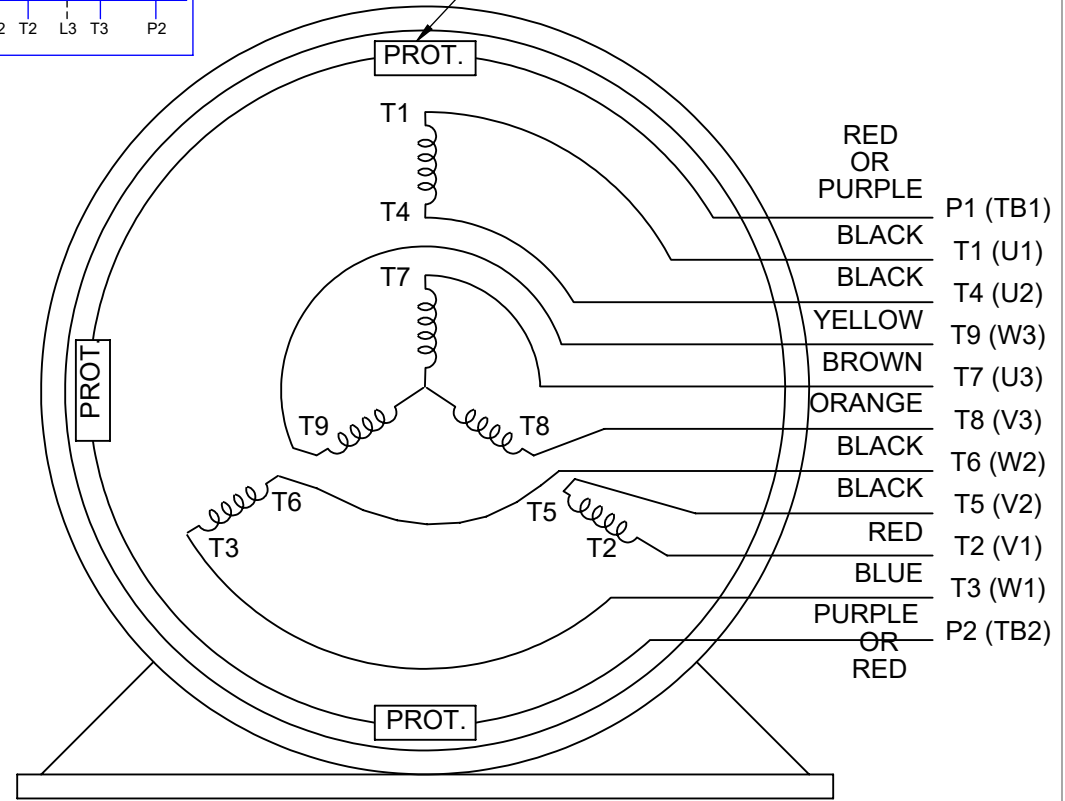
		TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.		DRAWN TJB 06-04-2001	
		DEC.	INCHES			CHK ML 06-26-2001	
			.X	±.1	APPD GK 06-26-2001		SCALE 11=32
3	UPDATED KNOCKOUTS PER ECR-0213847	SN 11-16-2021	SN .XX	±.03	TITLE OUTLINE		REF
2	REDRAWN IN AUTOCAD	TAT 06-24-2005	DRS .XXX	±.005	56 FRAME		FMF
1	NEW DRAWING	TJB 06-26-2001	.XXXX	±.0005	MAT'L.		PREV
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	
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 SS403151			SIZE	DRAWING NO. PAGE OF REV.
		DIST WP				A	SS403151 3

HIGH VOLTAGE



**THREE PHASE
DUAL VOLTAGE MOTOR**

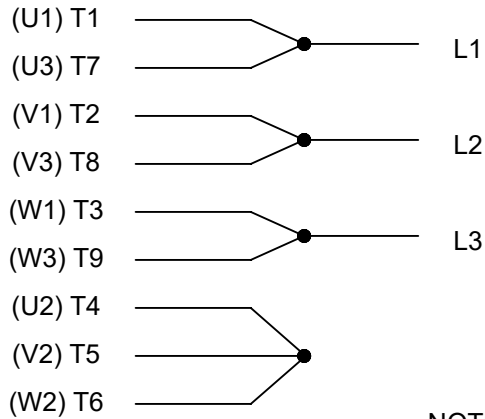
THERMO-PROTECTORS
CONNECTED IN SERIES



VIEW OF TERMINAL END

**NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1**

LOW VOLTAGE



NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T	REVISION BY ZR	DATE 01-14-2019		DRAWN BY SMC	Regal Beloit America, Inc.
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019		DATE 05-13-1992	
ECO DESCRIPTION ADDED TERMINAL CONNECTION DIAGRAM				APPROVED BY TB	DESCRIPTION CONN DIAGRAM-INTERNAL 3 PHASE - DUAL VOLTAGE MOTOR
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			REFERENCE EE7308/EE7300	SIZE A	DRAWING NUMBER EE7308T

STEARNS	P/N NONE	
56,000	NONE	
10 FT-LB	NONE V	NONE Hz

DATE: 06/28/2017 01:10:13 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.



REGAL REXNORD CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

460

Volts

HP 0.25

PHASE 3

Model No 56H17T2001

60

HZ

VOLTS 230/460

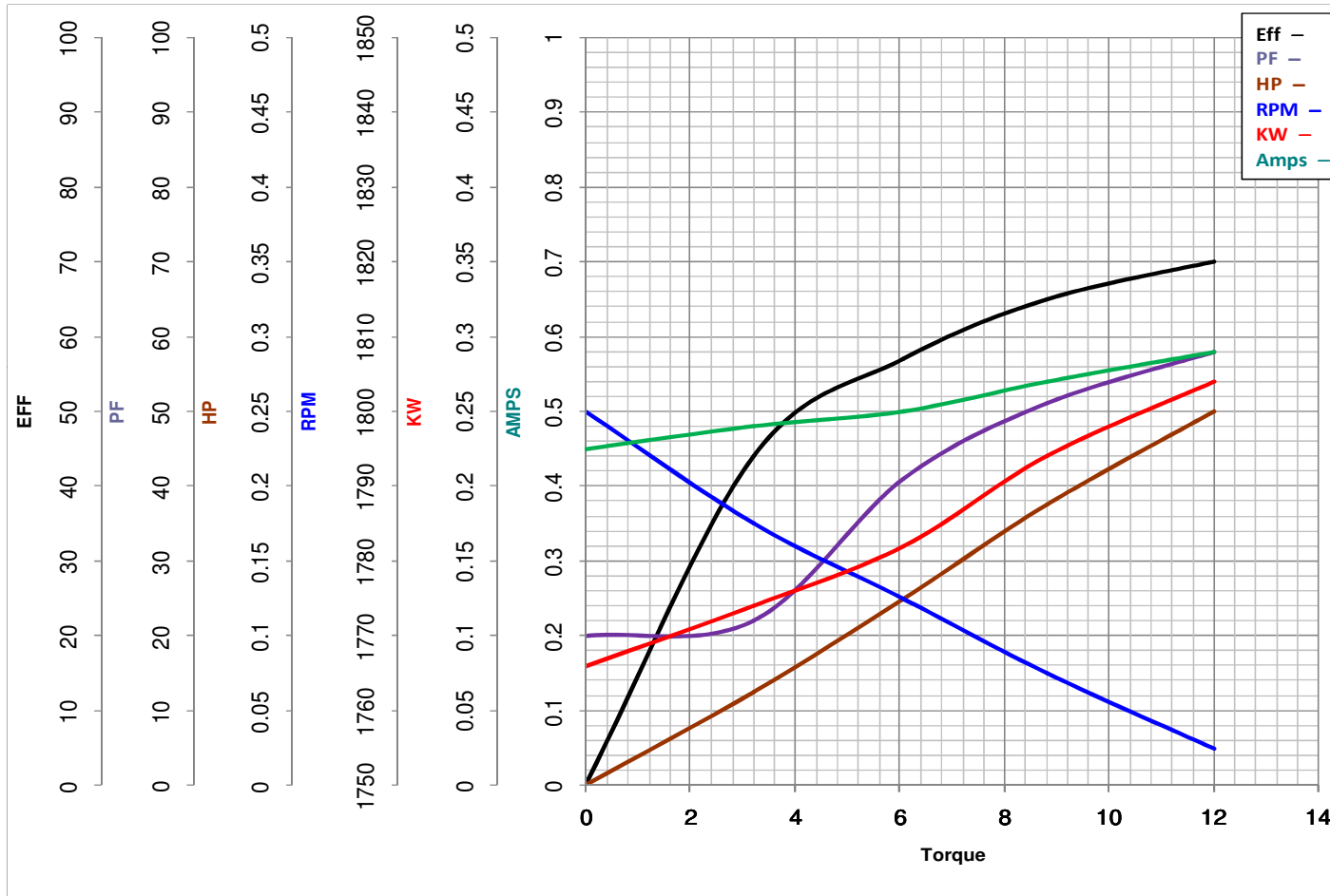
Catalog No Y592

0.25

HP

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 12 Oz.Ft
BD TORQUE 72.0 Oz.Ft
LR TORQUE 64 Oz.Ft

FL AMPS 1.15/58
PU TORQUE 57.6 Oz.Ft
LR AMPS 4.2

WINDING TE48427-4

Date 1/24/2019

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 : 056H17T2001

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

Catalog No : Y592

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