

PRODUCT INFORMATION PACKET

Model No: 056T17D15718

Catalog No: K644A

General Purpose Motor, 2 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56C Frame, DP



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

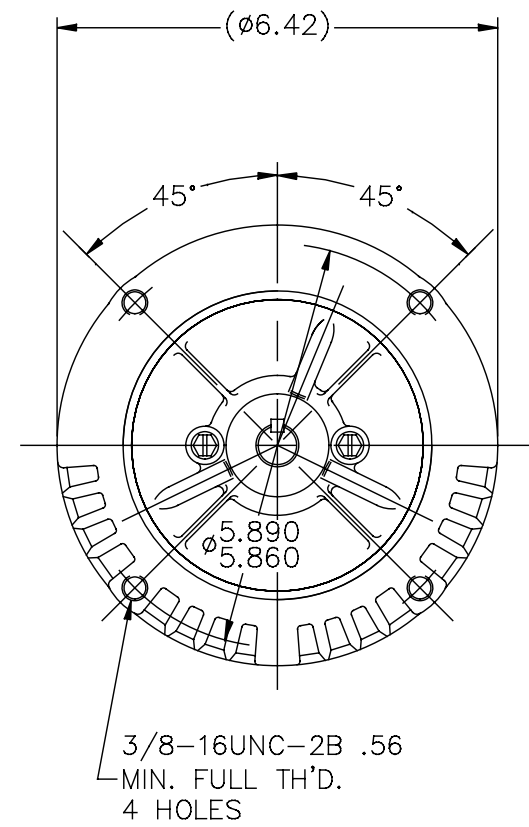
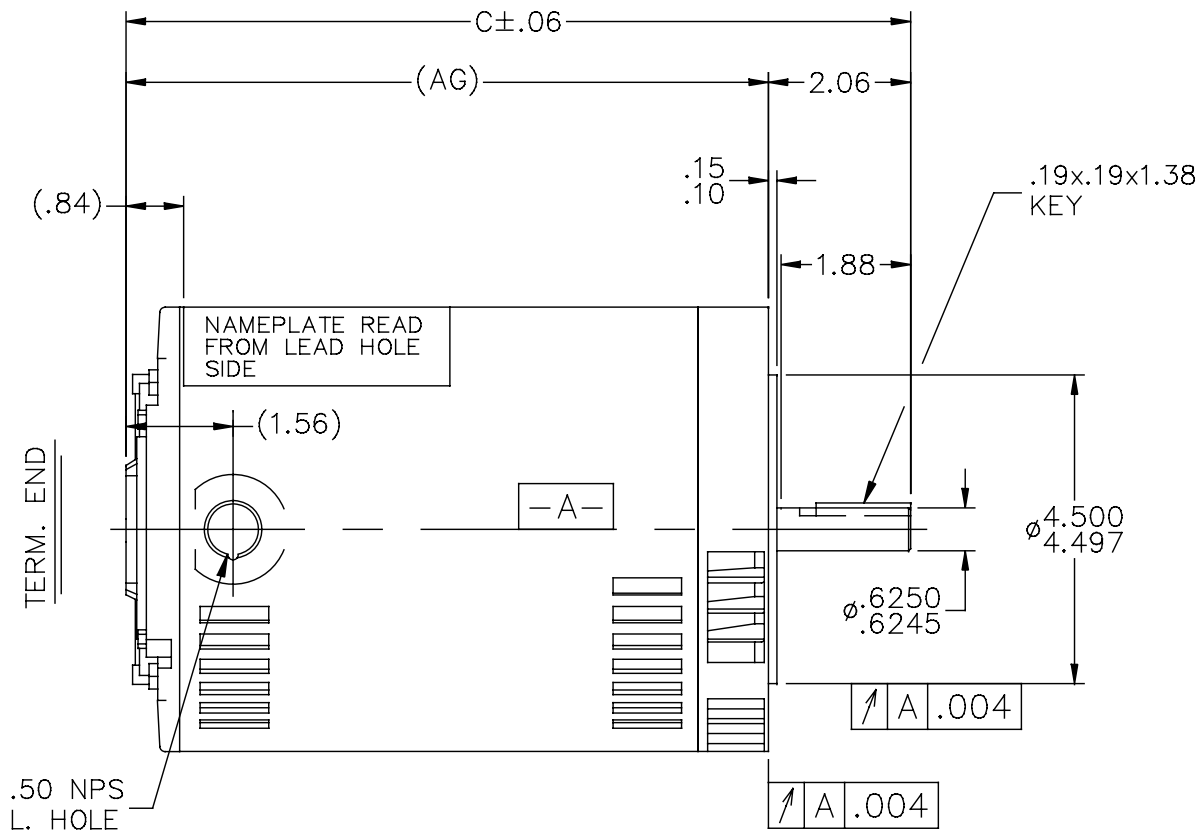
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	6.0/3.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	74.5
Duty	Continuous	Insulation Class	B
Design Code	A	KVA Code	N
Frame	56C	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	6.4 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	13.44 in
Frame Length	9.56 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 2:1		
Outline Drawing	A-108251-956	Connection Drawing	A-EE7308-REGAL

108251



DASH	C	AG		DASH	C	AG	
606	9.94	7.87		806	11.94	9.87	
656	10.44	8.37		856	12.44	10.37	
706	10.94	8.87		906	12.94	10.87	
756	11.44	9.37		956	13.44	11.37	

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.	DRAWN PVR 12/22/14
				DEC.	INCHES		CHK SM 12/22/14
				.X	±.1		APPD
				.XX	±.03	TITLE OUTLINE	SCALE 3=8
B	UPDATED KEY WAY VIEW TO END MILL KEYWAY		SM 11/12/2015	SM .XXX	±.005	56 FR. - BB - DR. PR. - 'C' FACE - 3ø	REF
A	NEW DRAWING		PVR 12/22/2014	SM .XXXX	±.0005	MAT'L.	FMF
NO.	REVISION		BY & DATE	CHK ANG	±7'30"	FINISH	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 108251	SIZE A	DRAWING NO. 108251
				DIST WP			PAGE OF B

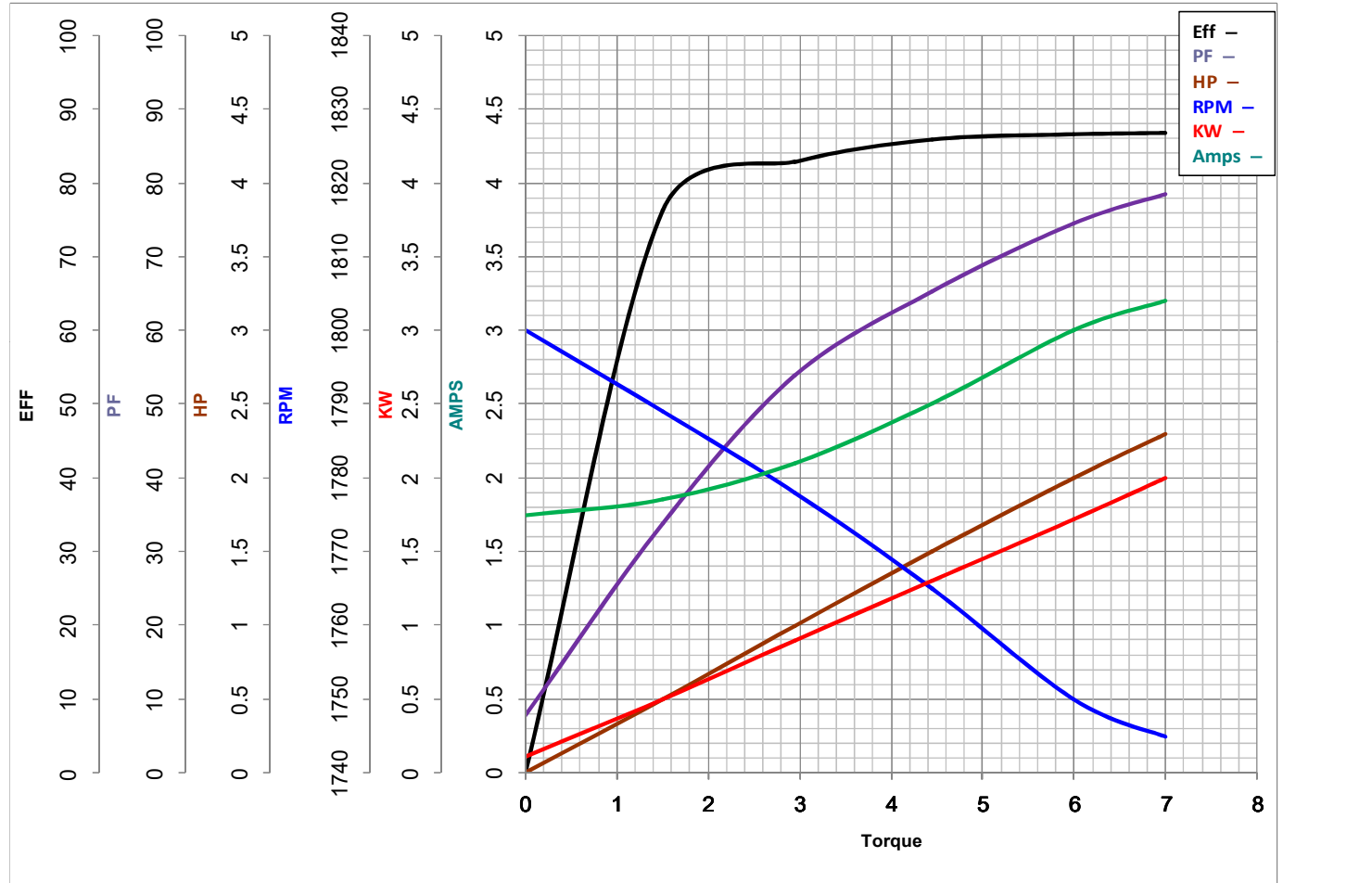


NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	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					



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer _____ Curve at 460 Volts HP 2&1.5 PHASE 3
 Model No 56T17D15718 60 HZ
2 HP VOLTS 230/460&190/380
 Catalog No K644A HZ 60&50 RPM 1725&1425



Torque in Lb.Ft

FL TORQUE	<u>6</u>	Lb.Ft	FL AMPS	<u>6/3</u>
BD TORQUE	<u>30.7</u>	Lb.Ft	PU TORQUE	<u>22.0</u> Lb.Ft
LR TORQUE	<u>24.1</u>	Lb.Ft	LR AMPS	<u>28.4</u>
WINDING	ZT4260-1		Date	1/23/2019

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

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 : 056T17D15718

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

Catalog No : K644A

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:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22