

PRODUCT INFORMATION PACKET



Model No: 056T34F15601

Catalog No: J066A

Jet Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 56HJ Frame, TEFC



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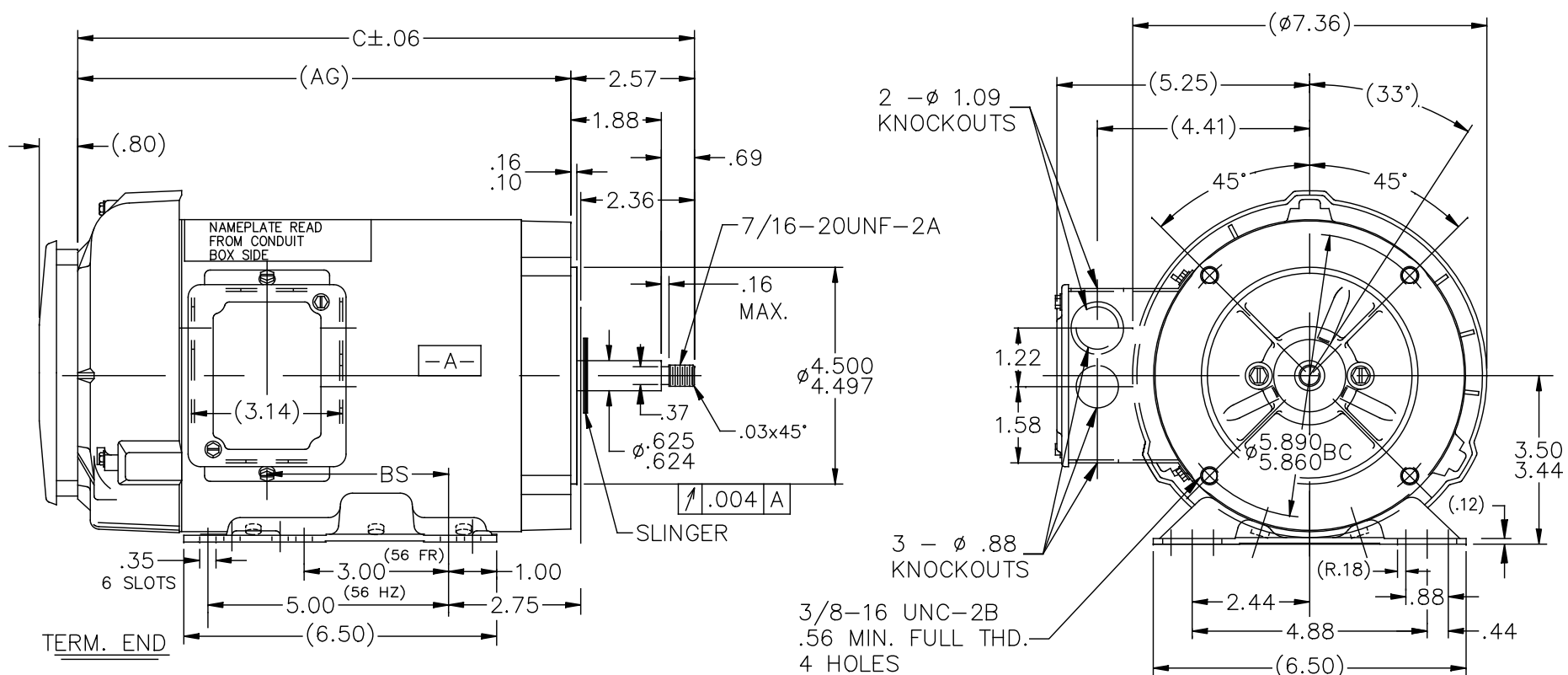


Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	3450 & 2850 rpm	Service Factor	1.15 & 1.15
Frame	56HJ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.6/3.8 & 6.4/3.2 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	M
Drive End Bearing Size	6205	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	2	Rotation	Reversible
Resistance Main	4.04 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	J	Overall Length	14.82 in
Frame Length	9.06 in	Shaft Diameter	0.625 in
Shaft Extension	2.57 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	EE7308	Outline Drawing	A-108224-906



DASH	C	AG	BS
606	11.82	9.25	2.78
656	12.32	9.75	3.28
706	12.82	10.25	3.78
806	13.82	11.25	4.78
906	14.82	12.25	5.78

NOTES: CONDUIT BOX CAN BE ROTATED 180°
REMOVABLE BASE

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN KR 09/29/2014			
				DEC.	INCHES		CHK SM 09/29/2014	APPD		
				.X	±.1	TITLE OUTLINE 56 FR.-BB-TEFC-C' FACE-3ø (DIST.)	SCALE 1:1			
B	ADDED DASH # 906	SL 04/20/16	PVR	.XXX	±.005		REF 100801			
A	CREATED NEW OUTLINE DRW. PER ECO-0060937	KR 09/29/14	SM	.XXXX	±.0005		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 108224		SIZE A	DRAWING NO. 108224	PAGE 1 OF 1	REV. B
				DIST	WP					

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				
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							DIST WP					



Regal Beloit America, Inc.

Data Sheet

Date: 8/18/2017
 Customer: _____
 Attention: _____
 Submitted by: VINAYAK YERATE



56T34F15601

Submittal

Data @ 460 V

Motor Load Data

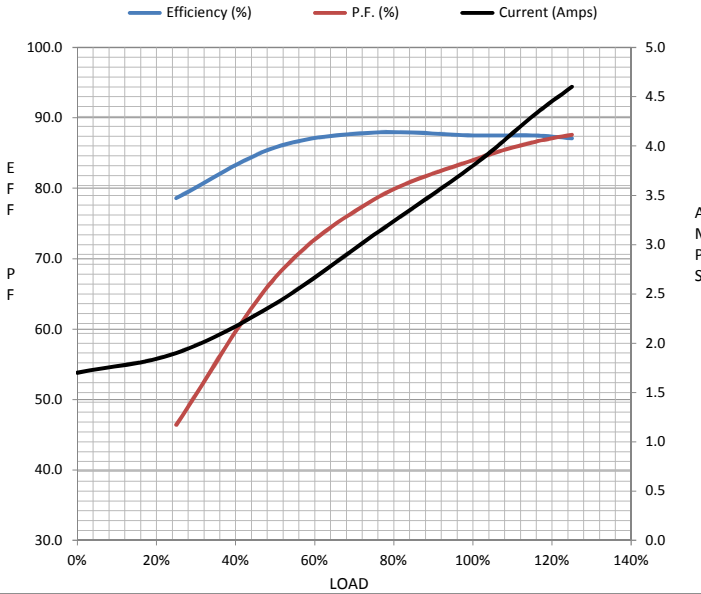
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.70	1.90	2.40	3.1	3.8	4.3	4.6	36.9
Torque (ft-lb)	0.00	1.10	2.22	3.4	4.5	5.2	5.7	17.3
RPM	3600	3577	3555	3530	3505	3,485	3475	0
Efficiency (%)		78.6	85.8	87.9	87.5	87.5	87.1	
P.F. (%)	11.0	46.4	67.3	78.4	84.0	86.5	87.6	71.5

Motor Speed Data

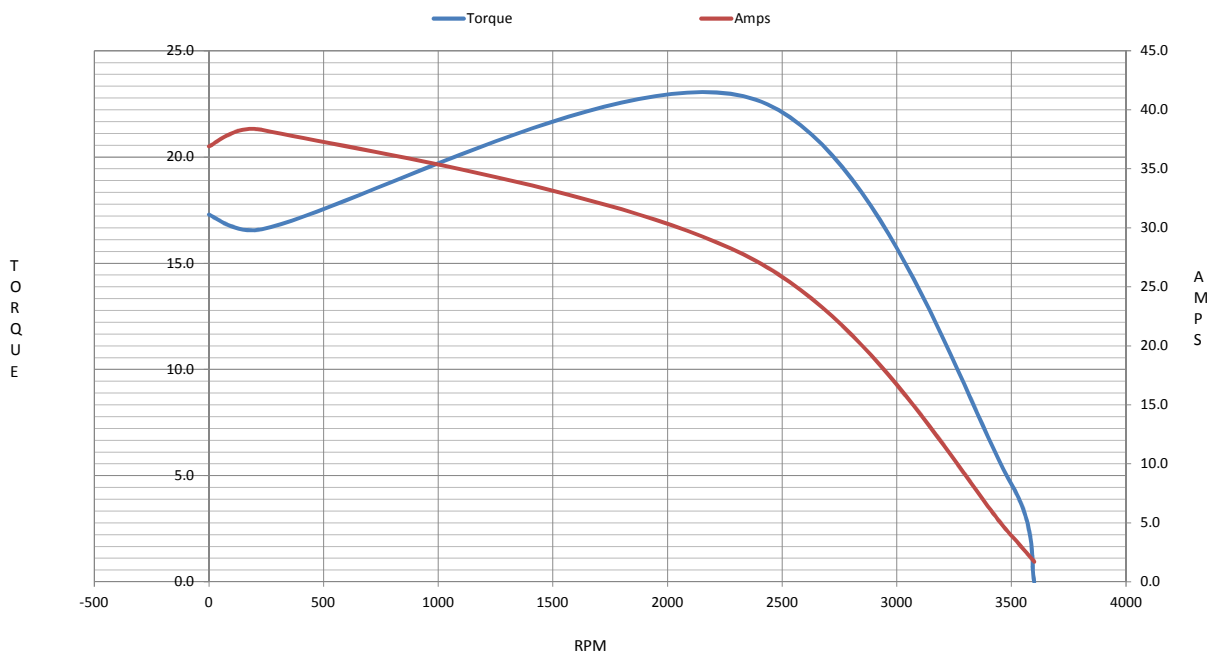
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	230	2385	3505	3600
Current (Amps)	36.9	38.3	27.2	3.8	1.70
Torque (ft-lb)	17.3	16.6	22.7	4.5	0.00

Information Block

HP	3.0			
Sync. RPM	3600			
Frame	145			
Enclosure	TEFC			
Construction	TFR			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	A			
LR Code letter	M			
Service Factor	1.15			
Temp Rise @ FL	57 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.05 Lb-Ft ²			
Ref Wdg	ZT2175 FR			
Sound Pressure @ 1M	68 dBA			
VFD Rating	NONE			
Outline Dwg	A-108224-906			
Conn. Diag	EE7308			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve



REV. NOTE : UPDATED FROM MARATHON TO RRX LOGO

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 : 056T34F15601

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

Catalog No : J066A

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

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