

PRODUCT INFORMATION PACKET



Model No: 056C34G5311

Catalog No: G854

Explosion Proof Motor, 0.50 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56C Frame, EPFC

Operational at 115/208-230 V @60HZ



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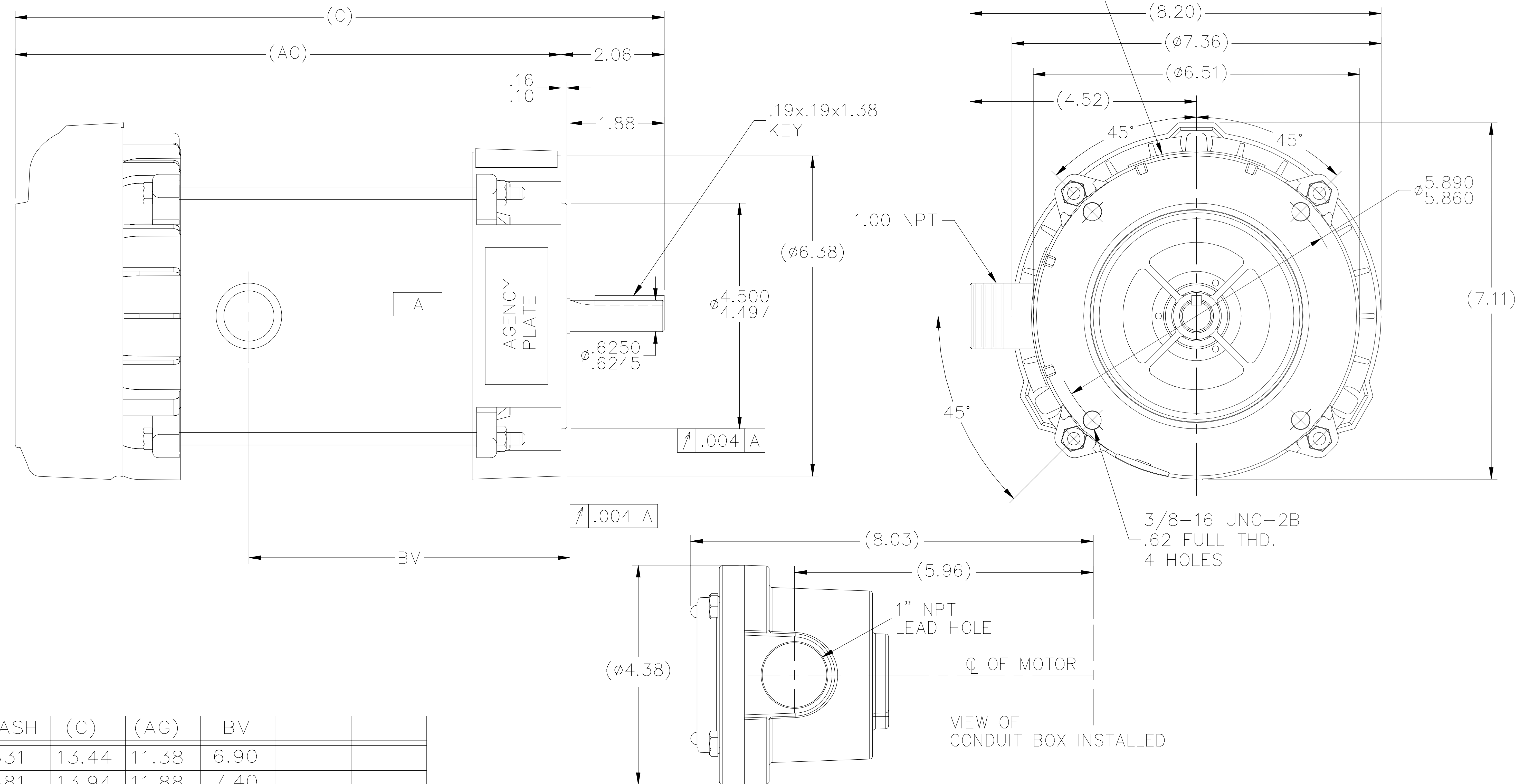
Nameplate Specifications

Phase	1	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.00
Frame	56C	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Automatic	Efficiency	59.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	8.4/4.2 A	Power Factor	70
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	N
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	DIV 1 EXP PROOF CL I GR CD CL II GR FG T3B

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	0 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	6.31 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	102005-109	Outline Drawing	B-104188-631

NAMEPLATES TO BE READ FROM SHAFT EXT. END.



DASH	(C)	(AG)	BV		
631	13.44	11.38	6.90		
681	13.94	11.88	7.40		
731	14.44	12.38	7.90		
781	14.94	12.88	8.40		
831	15.44	13.38	8.90		
881	15.94	13.88	9.40		
931	16.44	14.38	9.90		
981	16.94	14.88	10.40		

NO.	REVISION	BY & DATE	CHK	ANG	FINISH	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN MH 11-21-1996		
						DEC.	INCHES				
6		SL 09/15/15							CHK ML 11-25-1996		
5	COND. BOX INSTALLED VIEW UPDATED PER ECR-0044571	UD 10/10/13	ST						APPD GK 12-02-1996		
4	REVISED C'BOX PER CN40784A	JJB 02/23/2007	ML	.X	±.1				SCALE 17=32		
3	REDRAWN IN AUTOCAD	TAT 06-28-2004	ML	.XX	±.03			TITLE OUTLINE - 'C' FACE	REF		
2	ADDED CONDUIT BOX VIEW CN 26686	MRB 03-22-1999		.XXX	±.005			56C/145TCZ FR - EXP PR.			
1	NEW DRAWING CN 23099	MH 12-02-1996	SM	.XXXX	±.0005			MAT'L.	FMF		
									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 104188	SIZE B	DRAWING NO. 104188	PAGE OF 6	REV. 6
						DIST WP					



REGAL REXNORD CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 230
60
0.5

Volts
HZ
HP

HP 0.50

PHASE 1

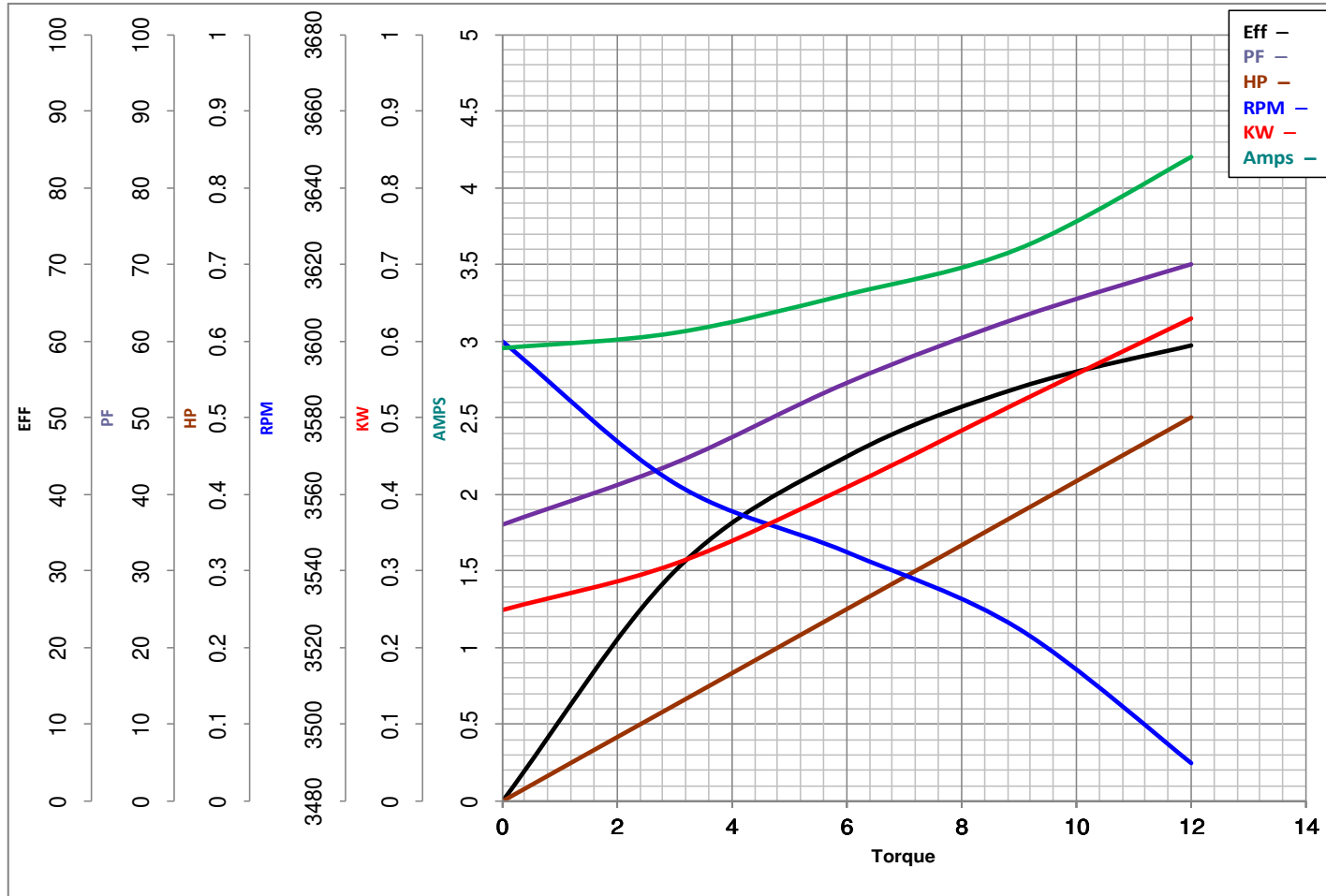
Model No 56C34G5311

VOLTS 115/208-230

Catalog No G854

HZ 60

RPM 3450



Torque in Oz.Ft

FL TORQUE 12 Oz.Ft
BD TORQUE 37.5 Oz.Ft
LR TORQUE 46 Oz.Ft

FL AMPS 8.4/4-4.2
PU TORQUE 35.2 Oz.Ft
LR AMPS 24.8

WINDING ZC280-3

Date 1/23/2019