

PRODUCT INFORMATION PACKET

Model No: 056C17G5320

Catalog No: G853

0.33 HP Explosion Proof Motor, 1 phase, 1800 RPM, 115/208-230 V, 56C Frame, EPFC
Explosion Proof NEMA Motors



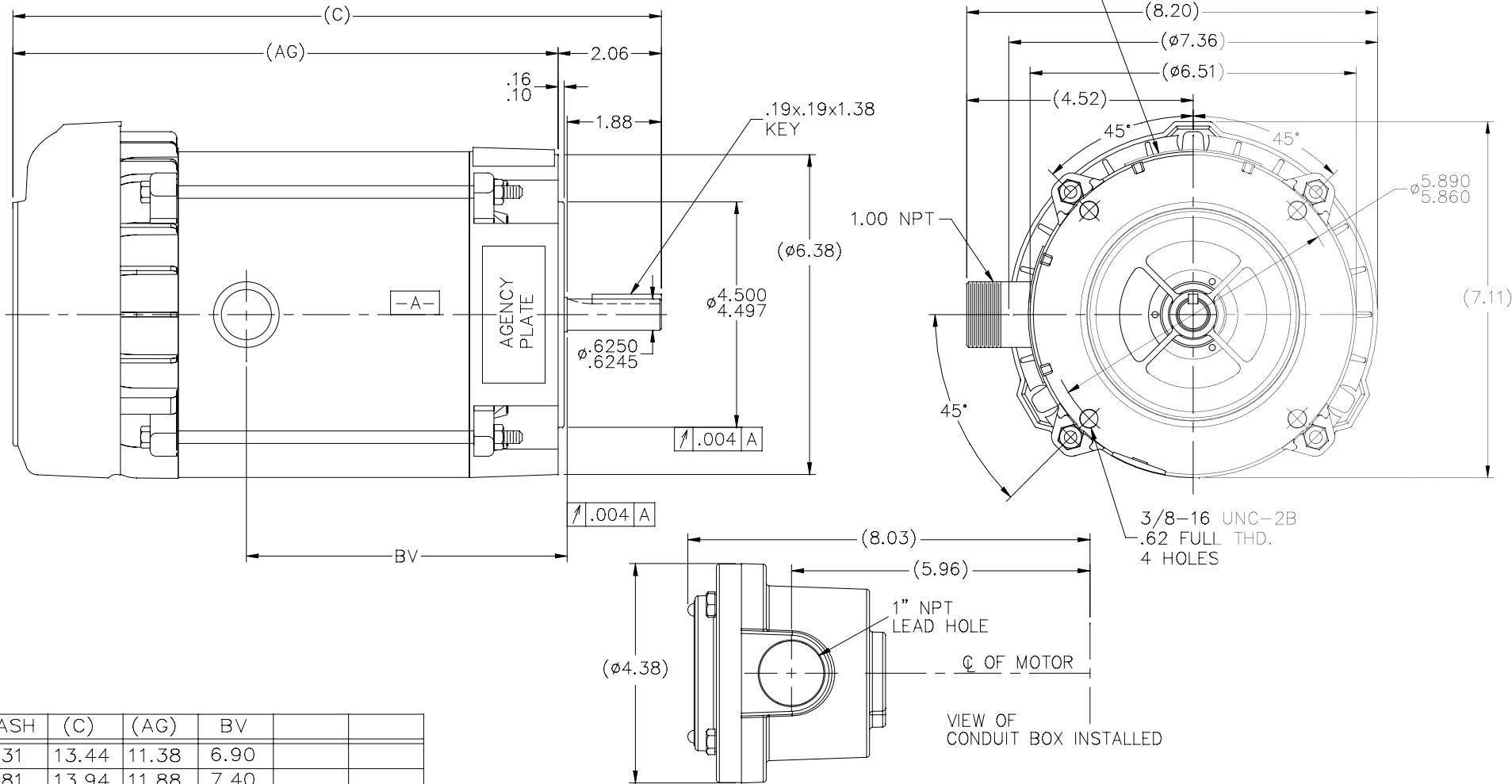
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	6.6/3.1-3.3 A	Speed	1725 rpm
Service Factor	1	Phase	1
Efficiency	55 %	Power Factor	60
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	N
Frame	56C	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	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
Outline Drawing	B-104188-631	Connection Drawing	102005-84

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	TOLERANCES UNLESS SPECIFIED	FINISH	PREV
6		SL 09/15/15					
5	COND. BOX INSTALLED VIEW UPDATED PER ECR-0044571	UD 10/10/13	ST	DEC.	INCHES		
4	REVISED C'BOX PER CN40784A	JJB 02/23/2007	ML	.X	±.1		
3	REDRAWN IN AUTOCAD	TAT 06-28-2004	ML	.XX	±.03		
2	ADDED CONDUIT BOX VIEW CN 26686	MRB 03-22-1999		.XXX	±.005		
1	NEW DRAWING CN 23099	MH 12-02-1996	SM	.XXXX	±.0005		
					±7'30"		

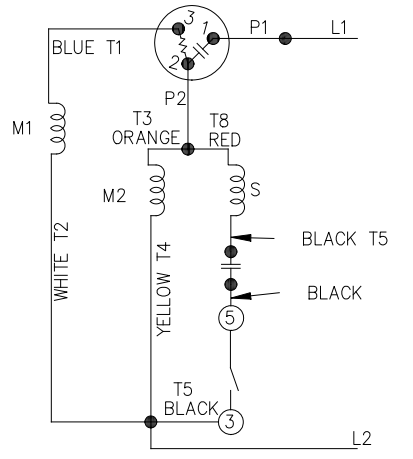
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				DIST WP					



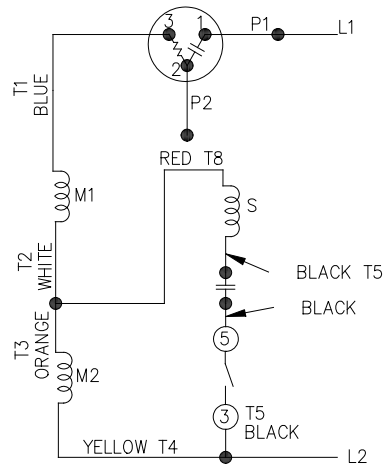
TITLE OUTLINE - 'C' FACE
56C/145TCZ FR - EXP PR.

102005-84

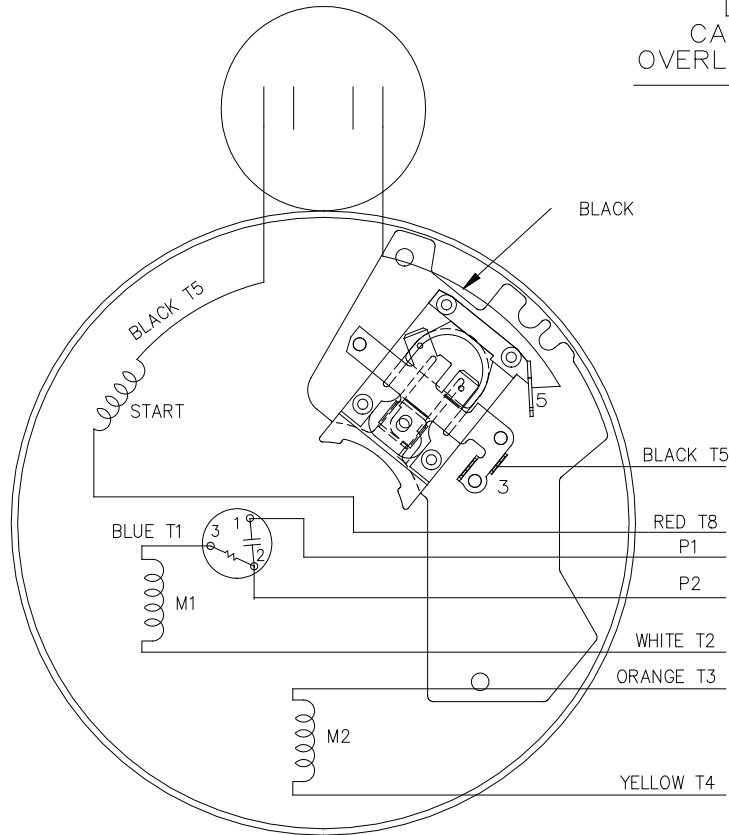
LOW VOLTAGE - C.C.W.



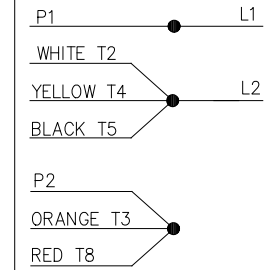
HIGH VOLTAGE - C.C.W.



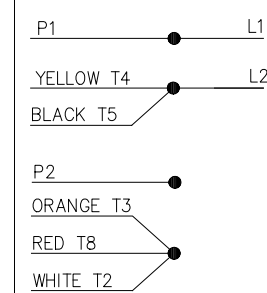
DUAL VOLTAGE
CAPACITOR START
OVERLOAD SELECT ROT.



LOW VOLT. - C.C.W. ROT.



HIGH VOLT. - C.C.W. ROT.



FOR C.W. ROTATION
EITHER VOLTAGE
INTERCHANGE RED(T8)
WITH BLACK(T5) LEAD

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN PGK 07-16-1996				
					DEC.	INCHES						
5	UPDATED TEMPLETE	MVG 12/11/2017	PVR	.X	±.1			CHK MRB 07-18-1996				
4	REV'D CONNECTION TO MATCH ROTATION ISAAC 07-2021	JJB 09/05/2007	ML	.XX	±.02		TITLE CONNECTION DIAGRAM	APPD GK 07-18-1996				
3	ADDED T NO.'S MU16064	MH 08-09-1997		.XXX	±.005			SCALE 5=8				
2	REDRAWN ON CADD, NO CHANGES	PGK 07-18-1996		.XXXX	±.0005		MAT'L.	REF				
				CHK	ANG	±7'30"	FINISH	PREV				
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							DIST WP					



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230 Volts
60 HZ
0.33 HP

HP 0.33

PHASE 1

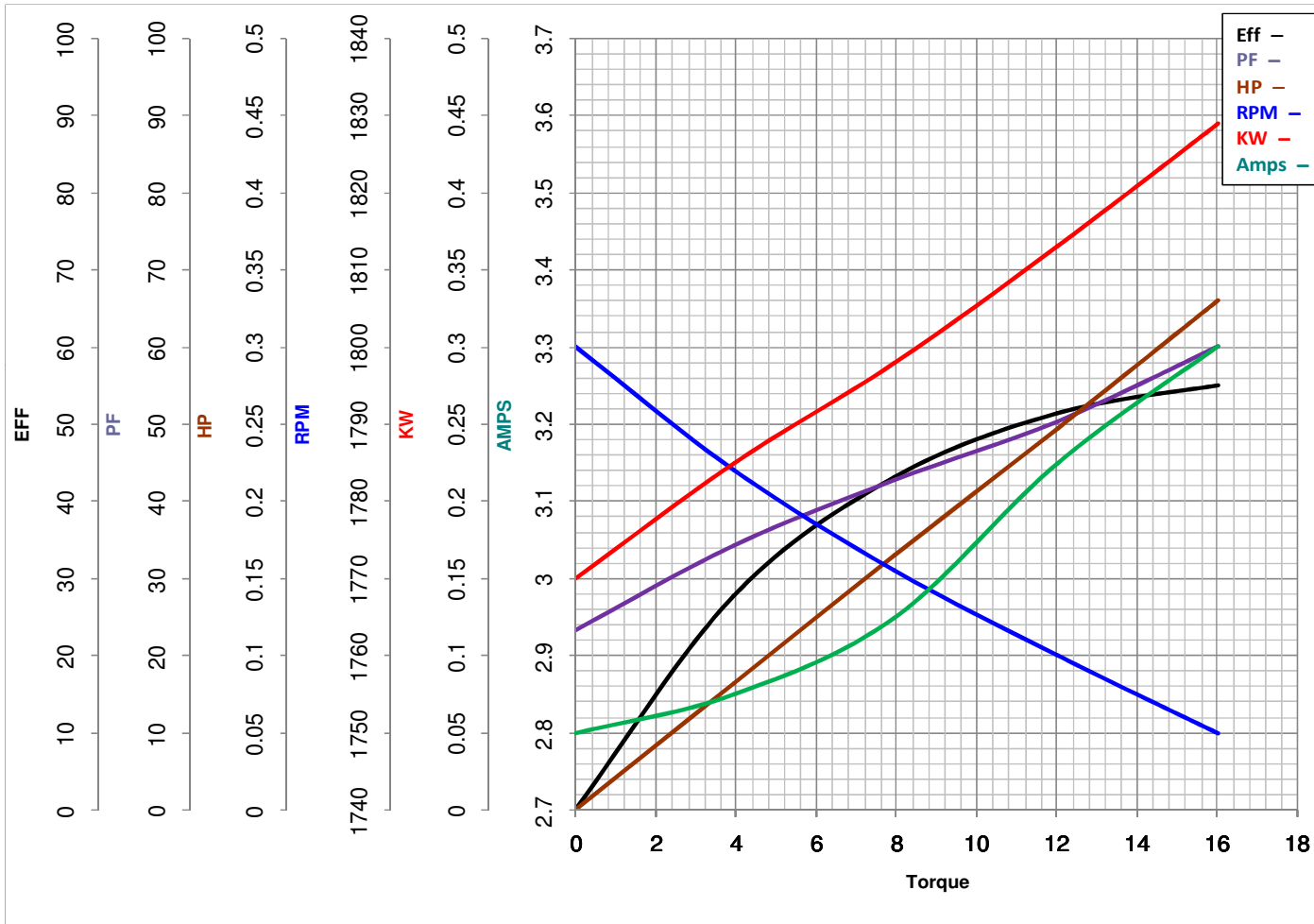
Model No 56C17G5320

VOLTS 115/208-230

Catalog No G853

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 16 Oz.Ft
BD TORQUE 44.6 Oz.Ft
LR TORQUE 55.7 Oz.Ft

FL AMPS 6.6/3.1-3.3
PU TORQUE 39.9 Oz.Ft
LR AMPS 16.2

WINDING ZC406-3

Date 1/10/2019