

# PRODUCT INFORMATION PACKET

Model No: 056C11G5307

Catalog No: G652

Explosion Proof Motor, 0.33 HP, 1 Ph, 60 Hz, 115/208-230 V, 1200 RPM, 56 Frame, EPFC



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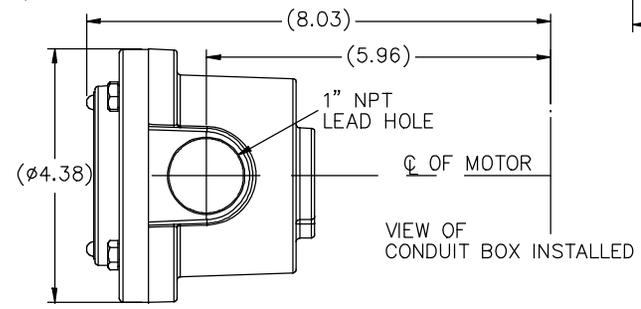
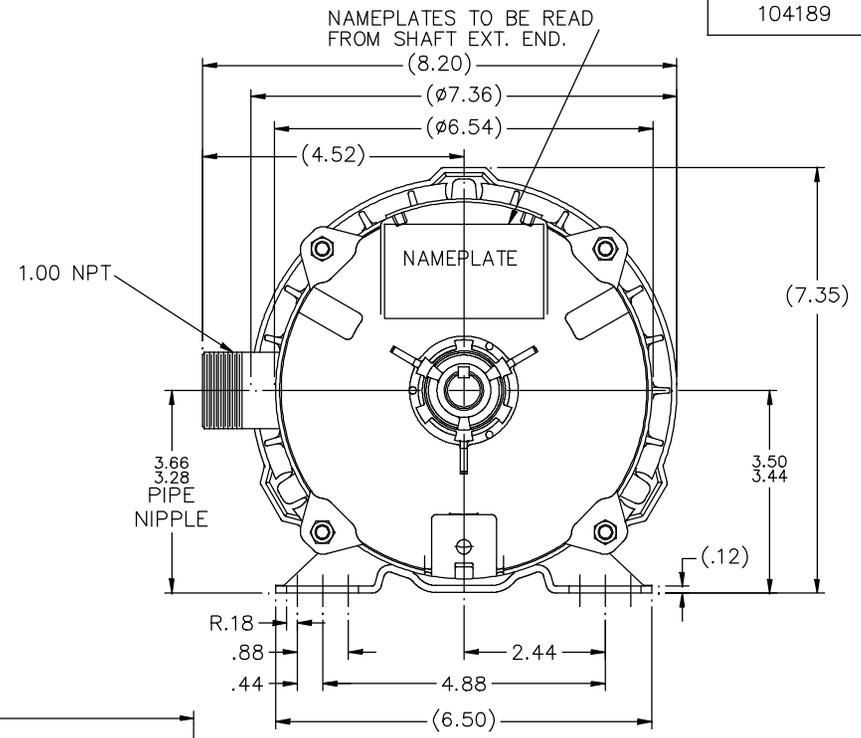
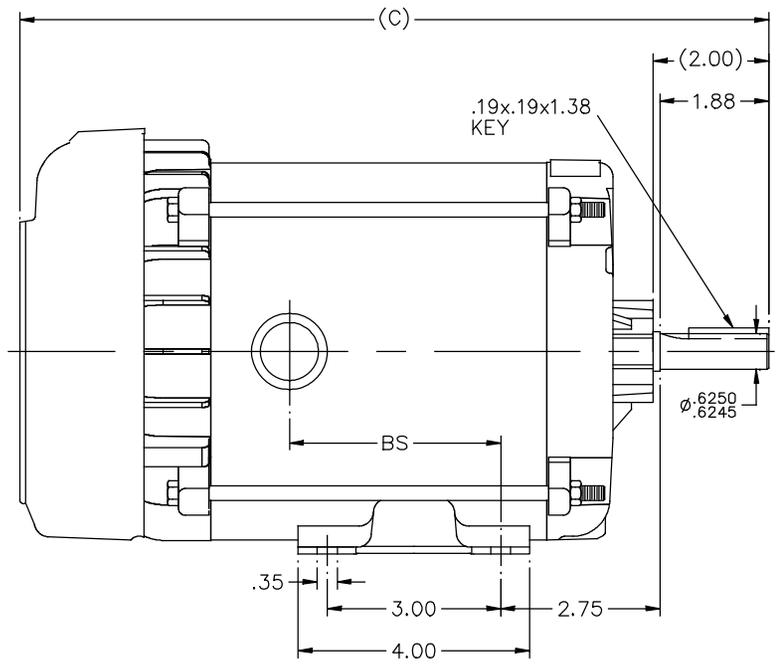
### Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>7.8/3.6-3.9 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>52.5 %</b>	Power Factor	<b>53.8</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>NO DESIGN CODE</b>	KVA Code	<b>N</b>
Frame	<b>56</b>	Enclosure	<b>Explosion Proof Fan cooled</b>
Thermal Protection	<b>Automatic</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>UL Listed And CSA Certified</b>	CSA	<b>Y</b>
CE	<b>N</b>	IP Code	<b>54</b>
Hazardous Location	<b>DIV 1 EXP PROOF CL I GR CD CL II GR FG T3B</b>	Number of Speeds	<b>1</b>

### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Selective Counterclockwise</b>
Resistance Main	<b>0 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>NEMA 56</b>	Overall Length	<b>13.94 in</b>
Frame Length	<b>6.81 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>2 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Outline Drawing	<b>B-104189-681</b>	Connection Drawing	<b>102005-84</b>

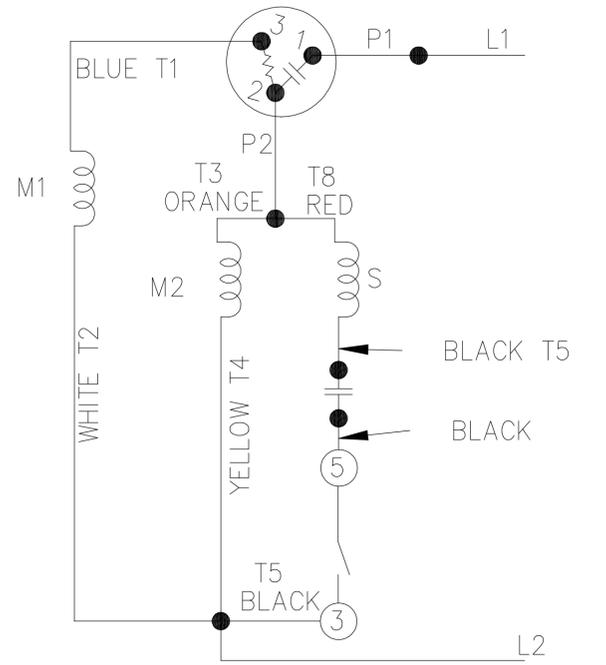
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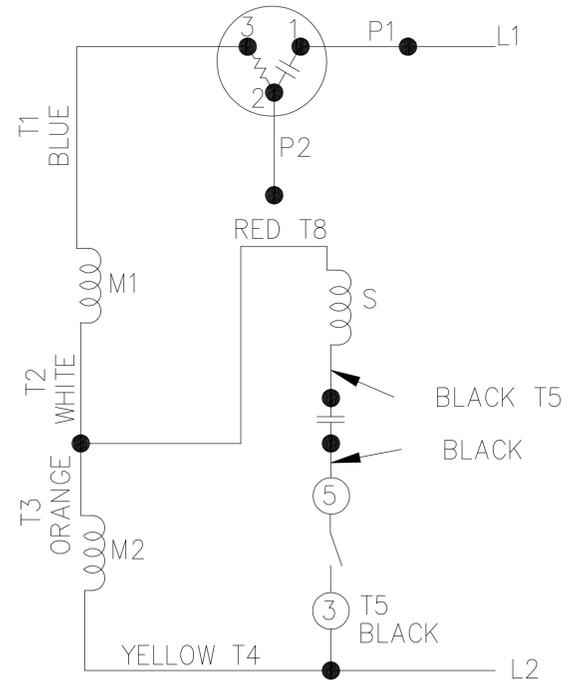
DASH	(C)	BS			
631	13.44	4.15			
681	13.94	4.65			
731	14.44	5.15			
781	14.94	5.65			
831	15.44	6.15			
881	15.94	6.65			
931	16.44	7.15			
981	16.94	7.65			

			TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.		DRAWN MH 11-20-1996	
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	TITLE OUTLINE		CHK
4	COND. BOX INSTALLED VIEW UPDATED PER ECR-0044571	UD 10/15/13	ST	X	±.1	56 FR. - EXP. PR. - TEFC - 1 $\phi$ & 3 $\phi$		ML 12-02-1996
3	REVISED C'BOX PER CN40784A	JJB 02/23/2007	ML	XX	±.03	SCALE 1=2		APPD GK 12-02-1996
2	ADDED CONDUIT BOX VIEW CN 26686	MRB 03-22-1998		.XXX	±.005	REF		
1	NEW DRAWING CN 23099	MH 12-02-1996		.XXXX	±.0005	FMF		
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						SIZE B	DRAWING NO. 104189	PAGE OF 4
						DIST WP		REV. 4

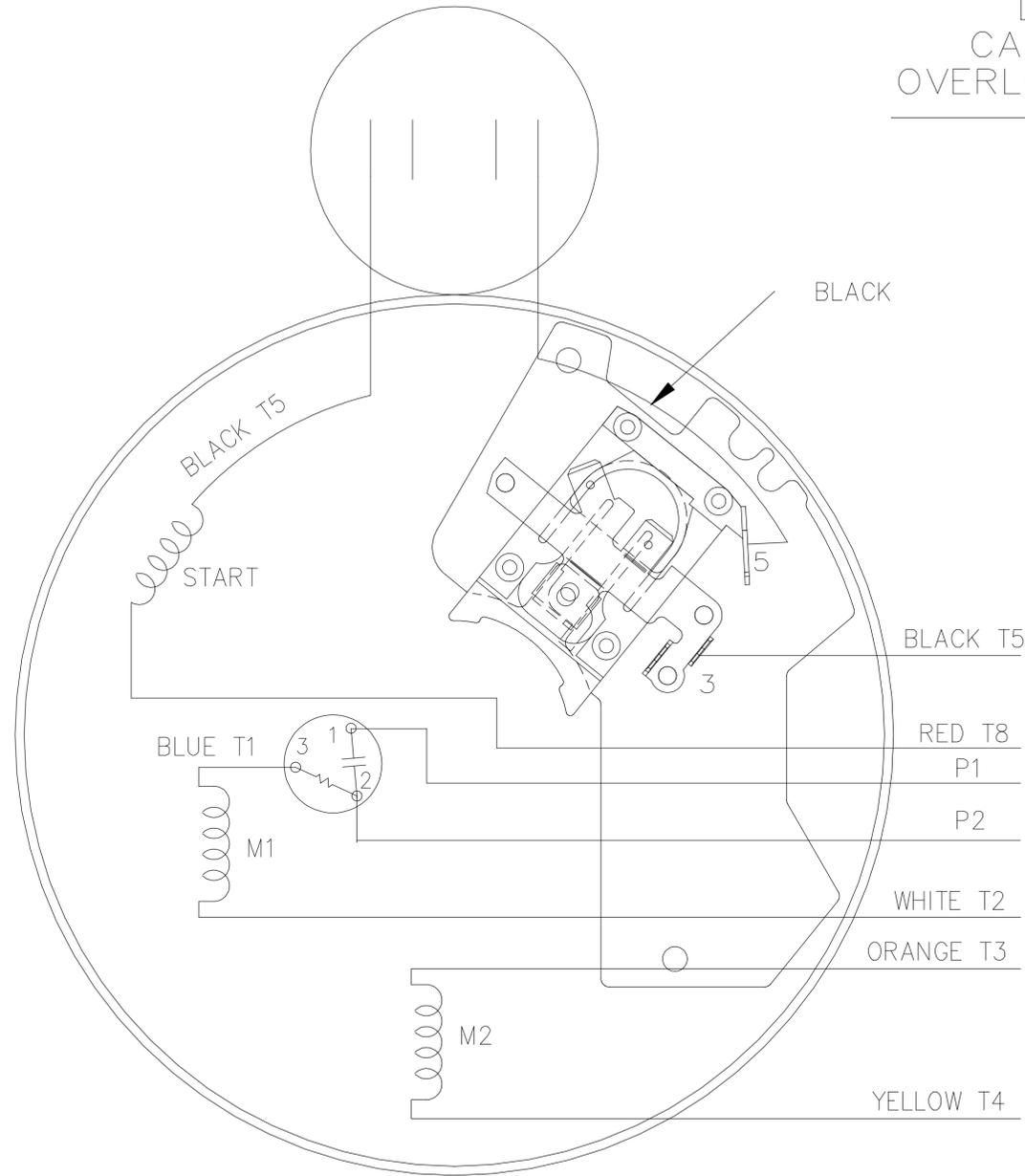
LOW VOLTAGE - C.C.W.



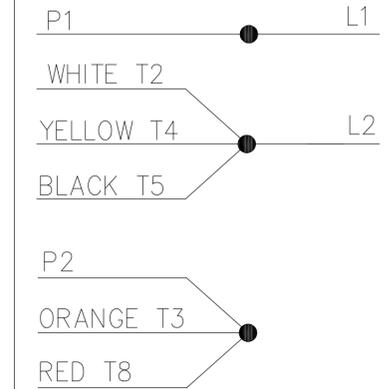
HIGH VOLTAGE - C.C.W.



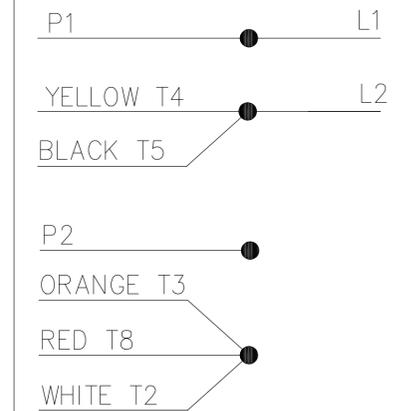
DUAL VOLTAGE  
CAPACITOR START  
OVERLOAD SELECT ROT.



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	TOLERANCES UNLESS SPECIFIED		FINISH	MAT'L.	TITLE	DRAWN PGK 07-16-1996			
				DEC.	INCHES					SCALE		
5	UPDATED TEMPLETE	MVG 12/11/2017	PVR	.X	±.1			CONNECTION DIAGRAM	CHK MRB 07-18-1996			
4	REV'D CONNECTION TO MATCH ROTATION ISAAC 07-2021	JJB 09/05/2007	ML	.XX	±.02				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				REF			
				ANG	±7'30"				FMF			
									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

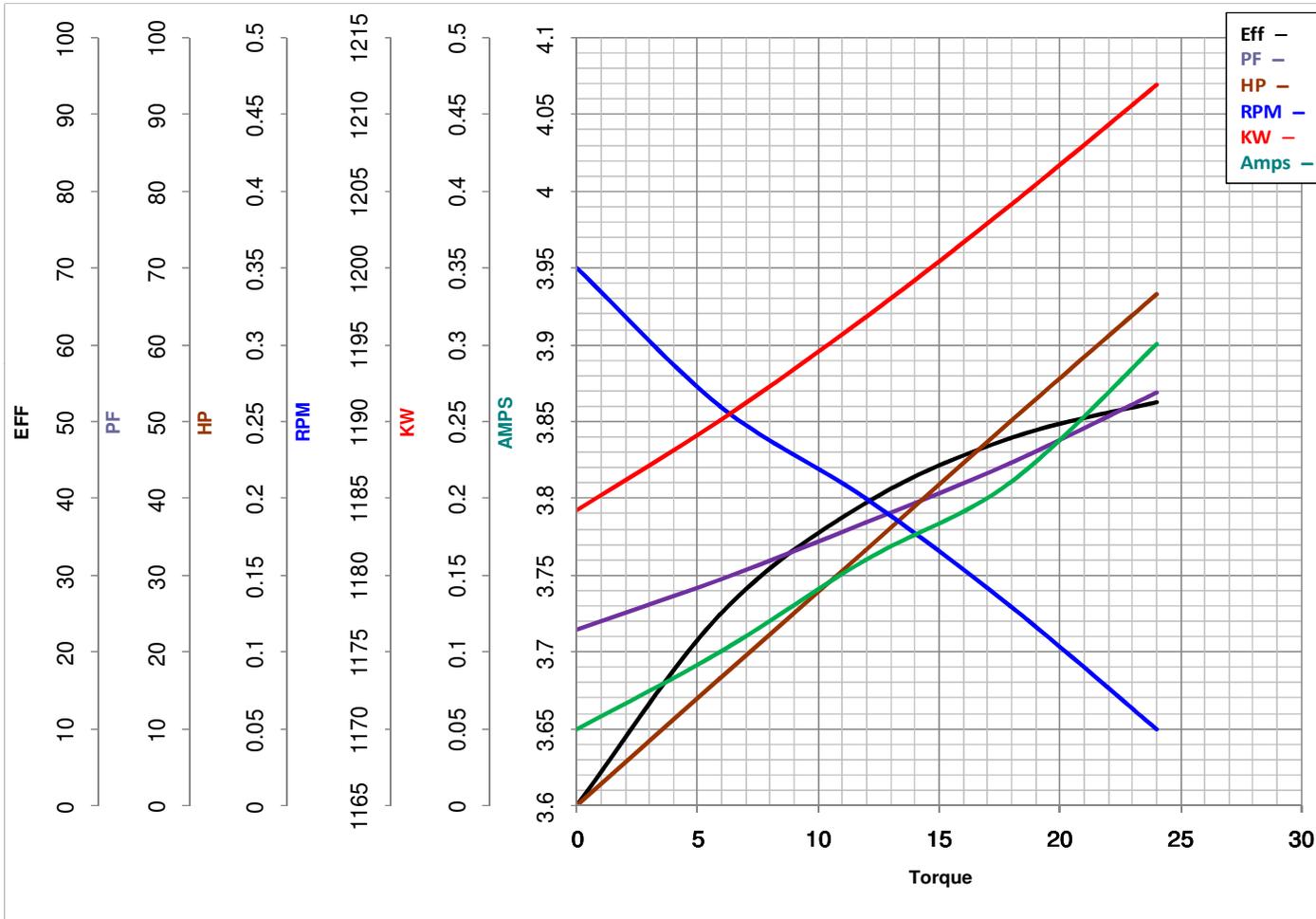
Model No 56C11G5307

VOLTS 115/208-230

Catalog No G652

HZ 60

RPM 1140



Torque in Oz.Ft

FL TORQUE 24 Oz.Ft  
BD TORQUE 66.9 Oz.Ft  
LR TORQUE 77.1 Oz.Ft

FL AMPS 7.8/3.6-3.9  
PU TORQUE 52.9 Oz.Ft  
LR AMPS 17.9

WINDING ZC605-3

Date 1/7/2019