

PRODUCT INFORMATION PACKET



Model No: 056C17D5322

Catalog No: B311

Fan and Blower Motor, 1 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 56 Frame, DP



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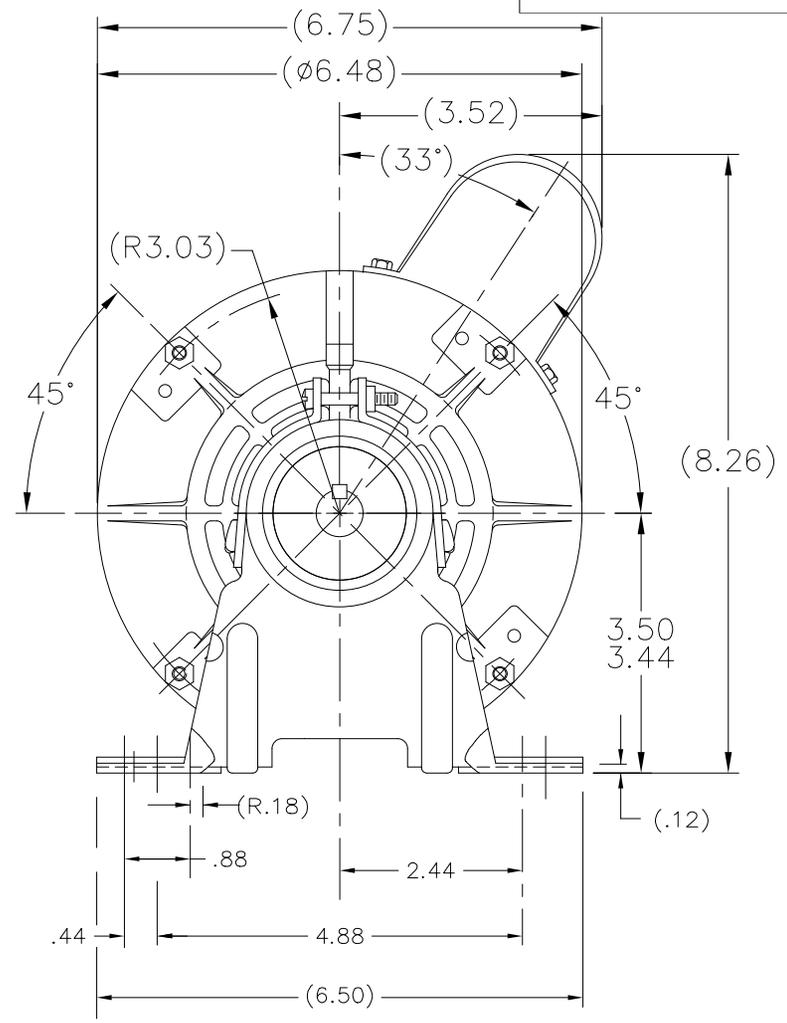
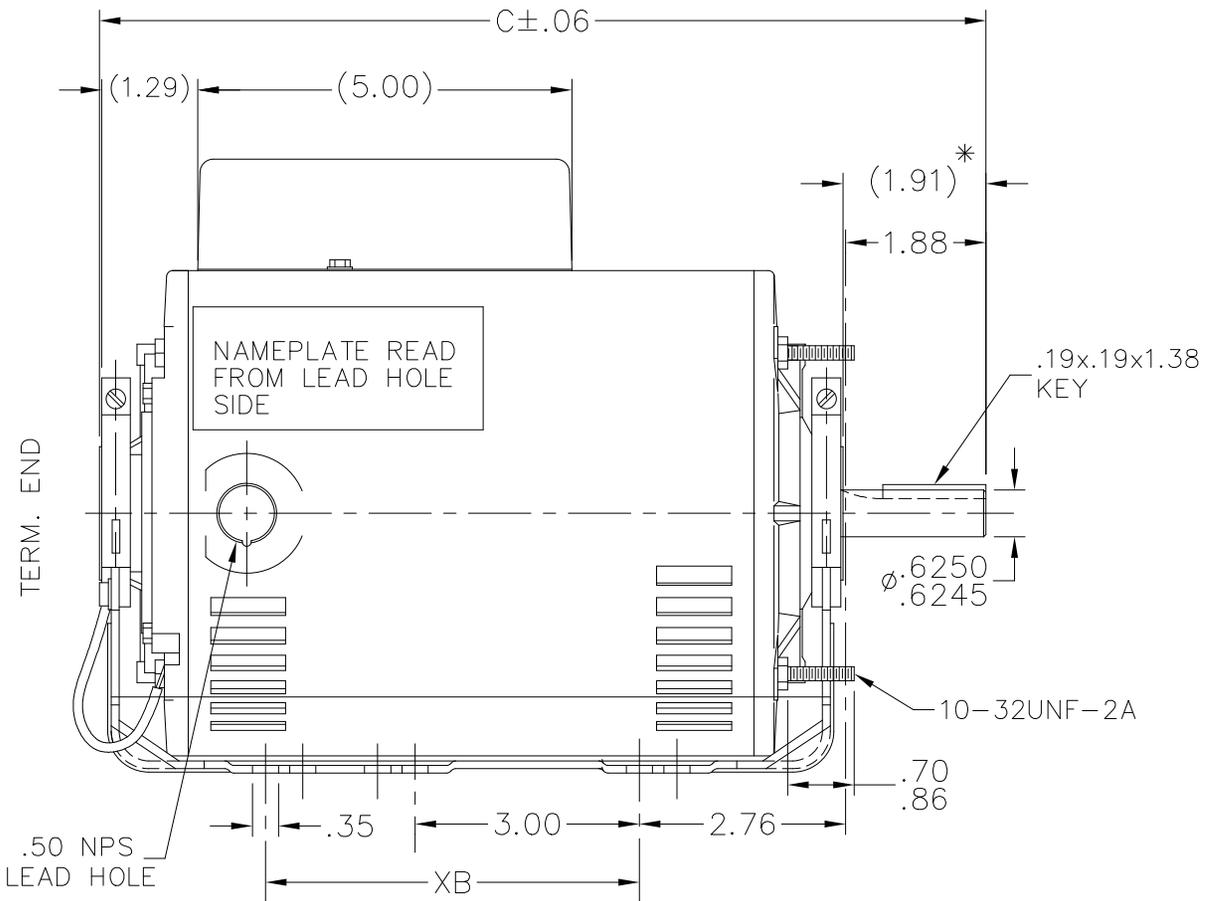


Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/208-230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56	Enclosure	Drip Proof
Thermal Protection	Automatic	Efficiency	72 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	12.8/6.4-6.4 A	Power Factor	69.5
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	H
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base - Extended Studs
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.35 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Connection Drawing	102005-2	Outline Drawing	A-100136-706



* DIMENSION IS FROM RESILIENT RING END CAP TO END OF SHAFT

DASH	FR.	C	XB	DASH	FR.	C	XB
				856	56-85	12.85	5.00
706	56-70	11.35	0				
756	"-75	11.85	5.00				

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
10	BASE CHANGED AS PER ECR-0233447	KVDG 06-06-2024	DS	.X	±.1
9	REDRAWN IN AUTOCAD	TAT 09-01-2004	ML	.XX	±.03
8	DIM. .70/.86 WAS .77/.89 CN 19366	AJS 12-02-1994		.XXX	±.005
7	REDRAWN ON CADD	KL 08-06-1993		.XXXX	±.0005
				ANG	±7'30"

Regal Rexnord Regal Beloit America, Inc.

TITLE OUTLINE
56 FR. - BB - 1∅ - DR.PR.

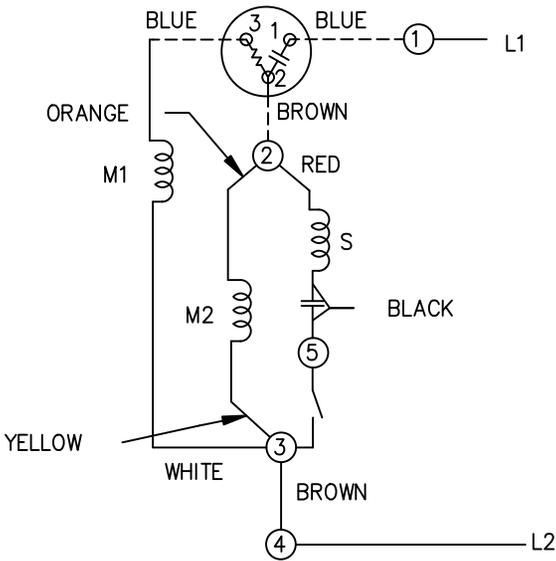
MAT'L.

FINISH

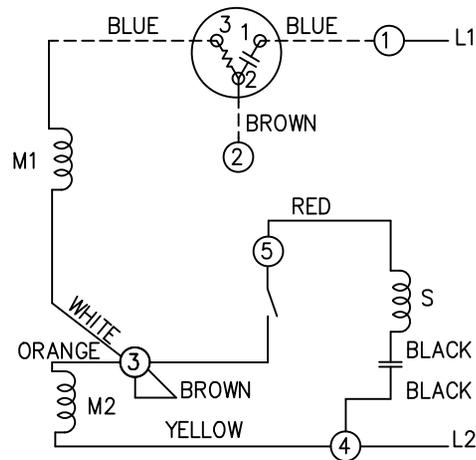
DRAWN	KL 08-05-1993
CHK	ML 08-06-1993
APPD	ET 08-06-1993
SCALE	3=8
REF	
FMF	
PREV	

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LOW VOLTAGE - C.C.W.



HIGH VOLTAGE - C.C.W.



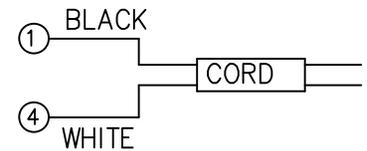
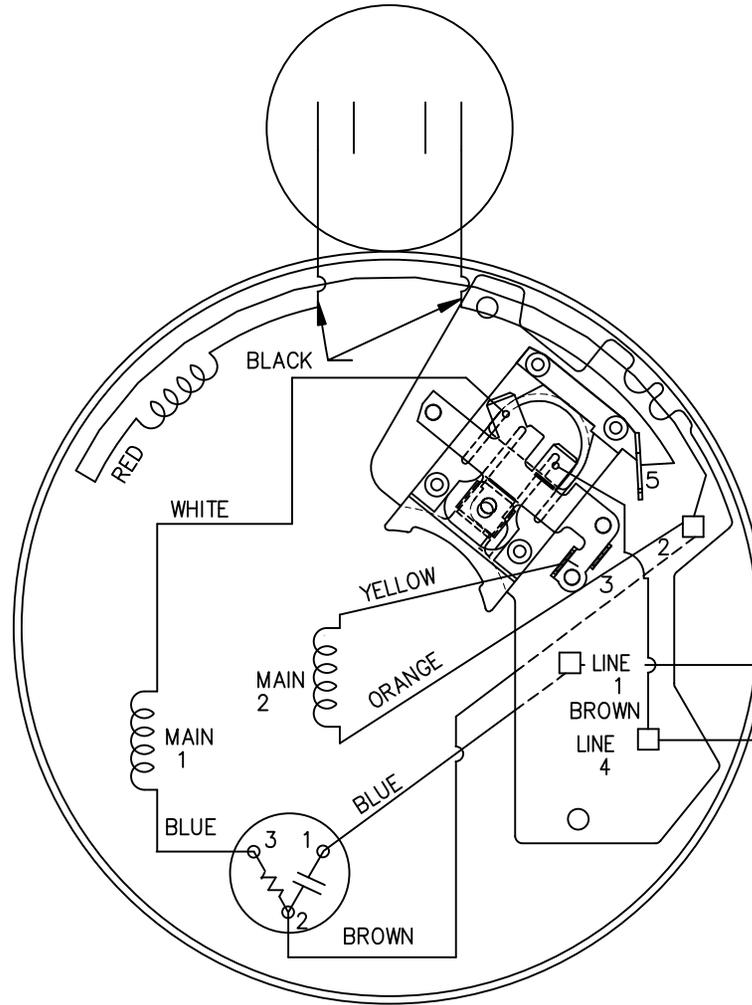
VIEWING TERM END

102005-2

DUAL VOLTAGE CAPACITOR START OVERLOAD SELECT ROT.

LOW VOLTAGE C.C.W. ROTATION SHOWN. TO REVERSE INTERCHANGE RED WITH BLACK LEAD ON TERMS 2 AND 5.

FOR HIGH VOLTAGE C.C.W. ROT. FIRST REMOVE BROWN JUMPER FROM TERM. 4 AND ATTACH TO TERM.3 AND CONNECT YELLOW LEAD TO TERM.4 AND ORANGE LEAD TO TERM 3. CONNECT RED LEAD TO TERM #5 AND BLACK LEAD FROM TERM #5 TO TERM #4. TO REVERSE INTERCHANGE RED WITH BLACK LEAD ON TERMS 5 AND 4.



CONNECTION FOR CORD

			TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies Group</i>	DRAWN PGK 06-20-1996		
NO.	REVISION	BY & DATE	CHK	ANG		MAT'L.	FINISH	CHK MRB 07-18-1996
11	ADD NOTE ISAAC 10-3333	TF 9/27/2010	DEC.	INCHES	TITLE CONNECTION DIAGRAM		APPD GK 07-18-1996	
10	UPDATED WIRING HARNESS CONNECTIONS CN 32007	DRS 01-14-2003	ML	.X ±.1			SCALE 5=8	
9	ADDED CONNECTION FOR WIRING HARNESS	KJC 12-17-2002	SAS	.XX ±.03			REF	
8	RE-ISSUE FOR CLARITY	PGK 08-21-1996		.XXX ±.005			FMF	
7	REDRAWN ON CADD, NO CHANGES	PGK 07-18-1996		.XXXX ±.0005			PREV	
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			DIST					REV. 11

** Subject to change without notice.



REGAL REXNORD CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230
60
1

Volts
HZ
HP

HP 1.00

PHASE 1

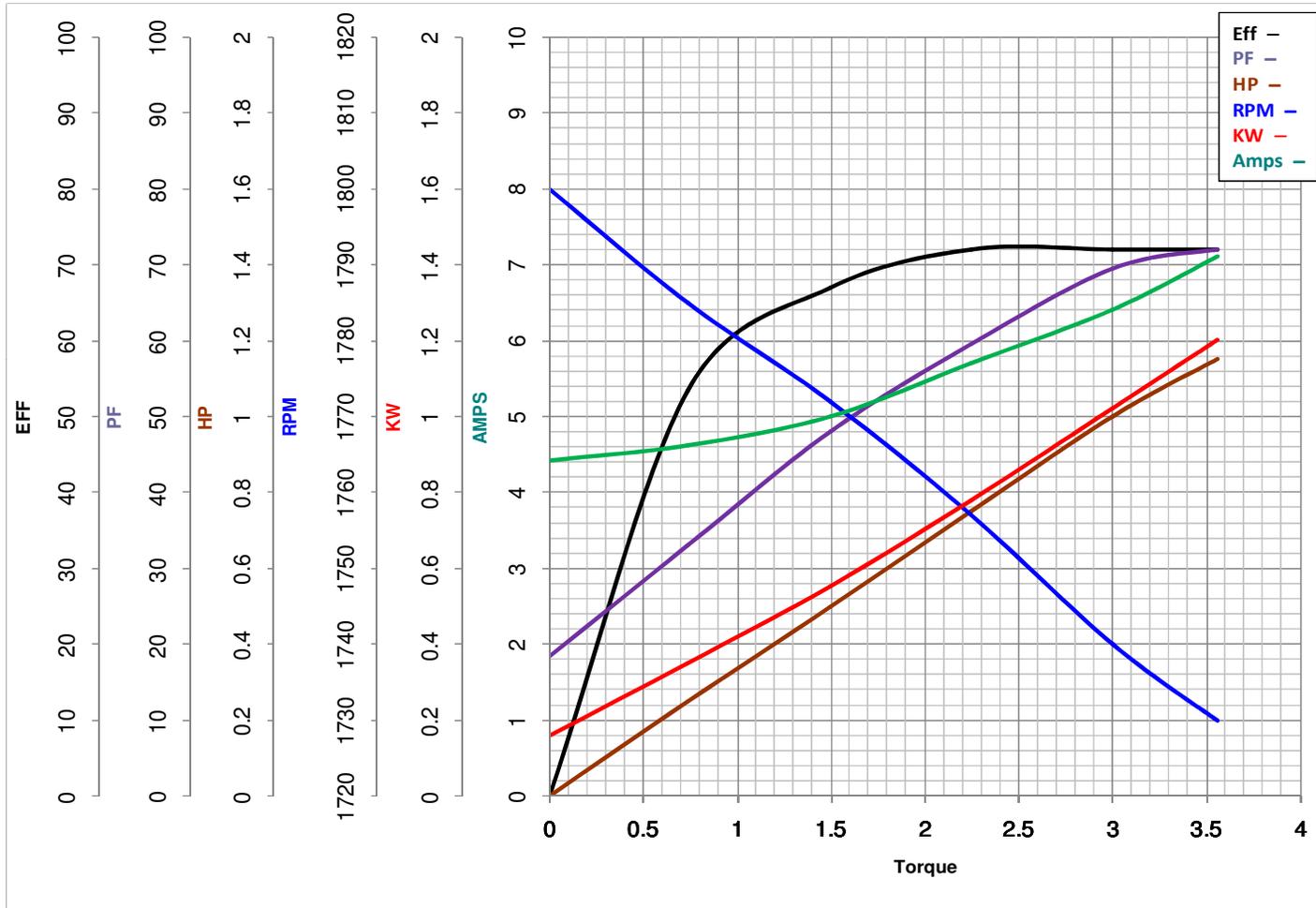
Model No 56C17D5322

VOLTS 115/208-230

Catalog No B311

HZ 60

RPM 1725



Torque in Lb.Ft

FL TORQUE 3 Lb.Ft
BD TORQUE 7.0 Lb.Ft
LR TORQUE 4 Lb.Ft

FL AMPS 12.8/6.4-6.4
PU TORQUE 2.9 Lb.Ft
LR AMPS 31.2

WINDING ZC409-3

Date 2/4/2019