

PRODUCT INFORMATION PACKET



Model No: 056C17E5314

Catalog No: G639

Explosion Proof Motor, 0.25 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56 Frame, EPNV

Operational at 115/208-230 V @60HZ



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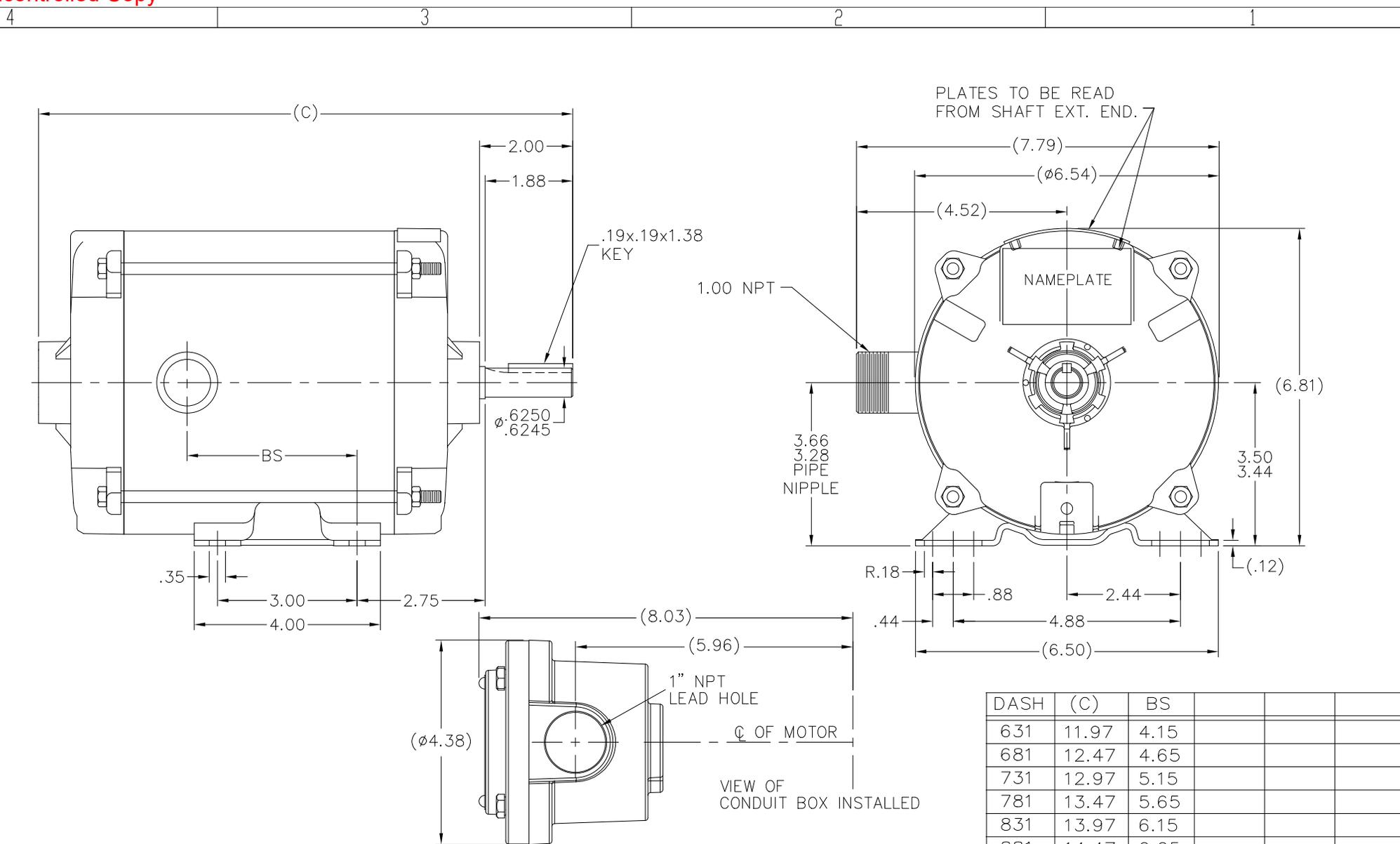


Nameplate Specifications

Phase	1	Output HP	0.25 Hp
Output KW	0.19 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.00
Frame	56	Enclosure	Explosion Proof Non Ventilated
Thermal Protection	Automatic	Efficiency	65 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	4.8/2.4 A	Power Factor	60
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	P
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

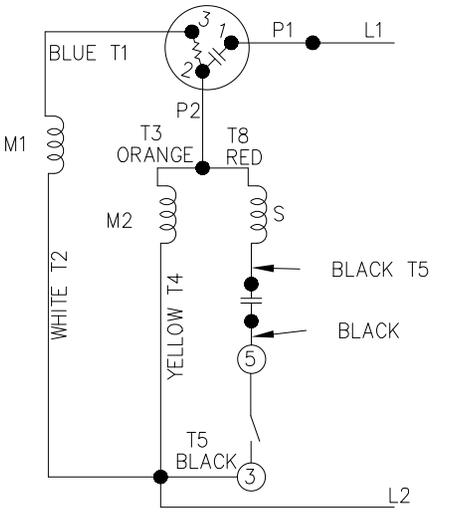
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.97 in
Frame Length	6.31 in	Shaft Diameter	0.625 in
Shaft Extension	2 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	102005-84	Outline Drawing	B-104196-631



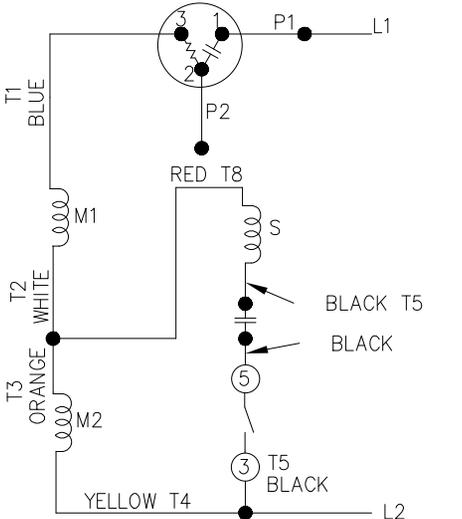
DASH	(C)	BS		
631	11.97	4.15		
681	12.47	4.65		
731	12.97	5.15		
781	13.47	5.65		
831	13.97	6.15		
881	14.47	6.65		
931	14.97	7.15		
981	15.47	7.65		

DRAWING REVISION 7	REVISION BY GKB	REV DATE/ DATE 04/14/2025	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.01 [±0.3] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125/ 3.2 INCH mm	DRAWN BY MH	Regal Beloit America, Inc. DESCRIPTION OUTLINE 56 FRAME - EXP. PR. - TENV - 1Ø & 3Ø
REQUEST NUMBER ECR-0242041	APPROVED BY RK	DATE 04/14/2025		DATE 12/10/1996	
REQUEST NUMBER DESCRIPTION CHANGED FROM MARATHON TO RRX TEMPLATE			APPROVED BY GK	DATE 01/13/1997	MAT'L PROCESS/FINISH SIZE D DRAWING NUMBER 104196
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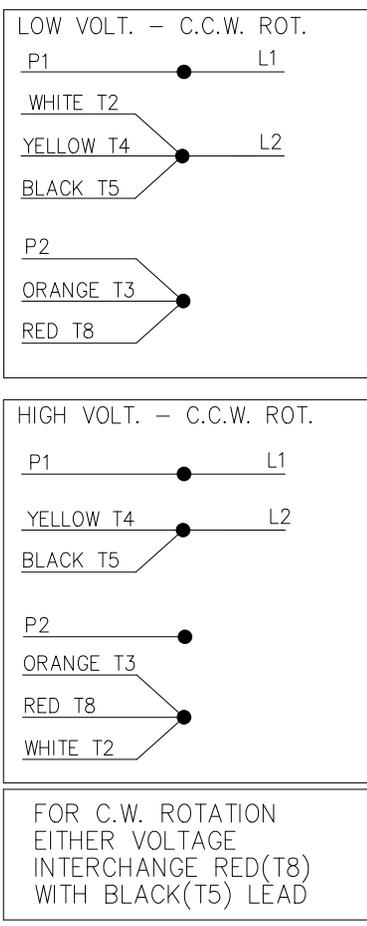
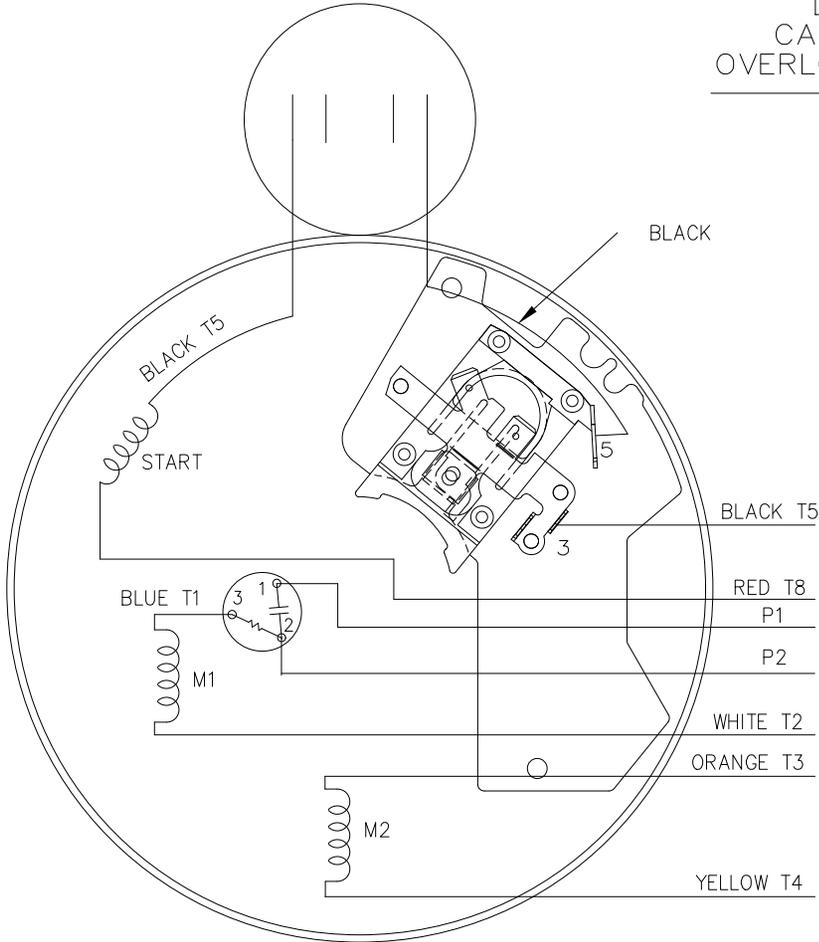
LOW VOLTAGE - C.C.W.



HIGH VOLTAGE - C.C.W.



DUAL VOLTAGE
CAPACITOR START
OVERLOAD SELECT ROT.



DRAWING REVISION A	REVISION BY KVDG	REV DATE/ DATE 05/28/2025
REQUEST NUMBER ECR-0243058	APPROVED BY DS	DATE 05/28/2025

REQUEST NUMBER DESCRIPTION
UPDATED THE DRG TO RRX TEMPLATE

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TOLERANCES (EXCEPT AS NOTED):
DEC. INCH mm ANGLE
.X ±0.1 [±3] ±0.5°
.XX ±0.01 [±0.3]
.XXX ±0.005 [±0.13]
.XXXX ±0.0005 [±0.013]
REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125/ 3.2
INCH mm
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY PVR	DATE 09/27/2012
APPROVED BY	DATE
REFERENCE 102005-84	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION CONNECTION DIAGRAM	
MAT'L	PROCESS/FINISH
SIZE B	DRAWING NUMBER 102005-84A
SHEET 1 OF 1	



REGAL REXNORD CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

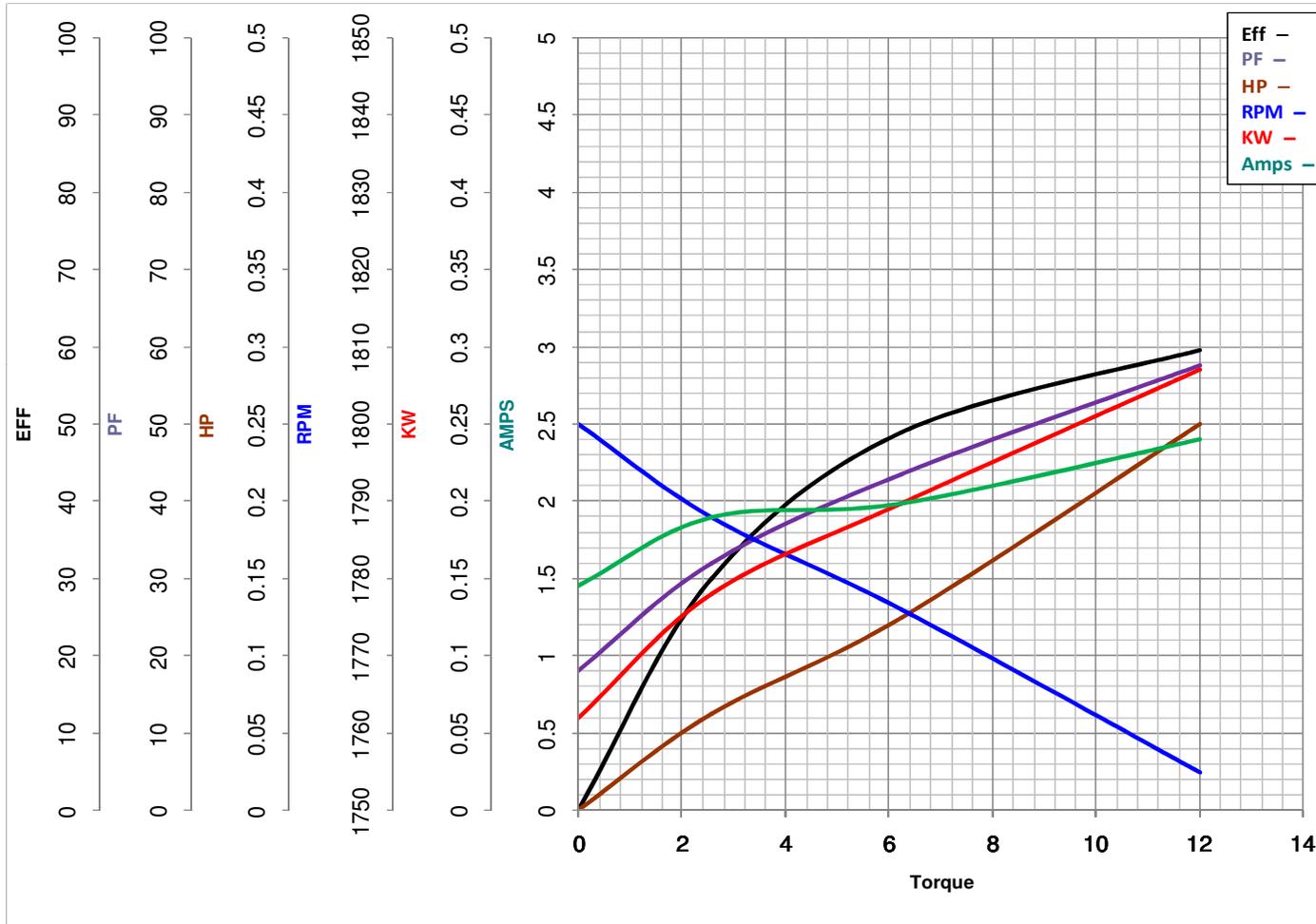
Customer

Curve at 230 Volts HP 0.25 PHASE 1
60 HZ
0.25 HP VOLTS 115/208-230

Model No 56C17E5314

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HZ 60 RPM 1725



Torque in Oz.Ft

FL TORQUE 12 Oz.Ft
BD TORQUE 33.3 Oz.Ft
LR TORQUE 47.8 Oz.Ft

FL AMPS 4.8/2.3-2.4
PU TORQUE 28.3 Oz.Ft
LR AMPS 12.4

WINDING ZC496-3

Date 1/9/2019