

PRODUCT INFORMATION PACKET

Model No: 056B17DRR70004A1

Catalog No: C176A

0.75 HP General Purpose Motor, 1 phase, 1800 RPM, 115/208-230 V, 56 Frame, ODP
Single Phase ODP Motors



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REGAL



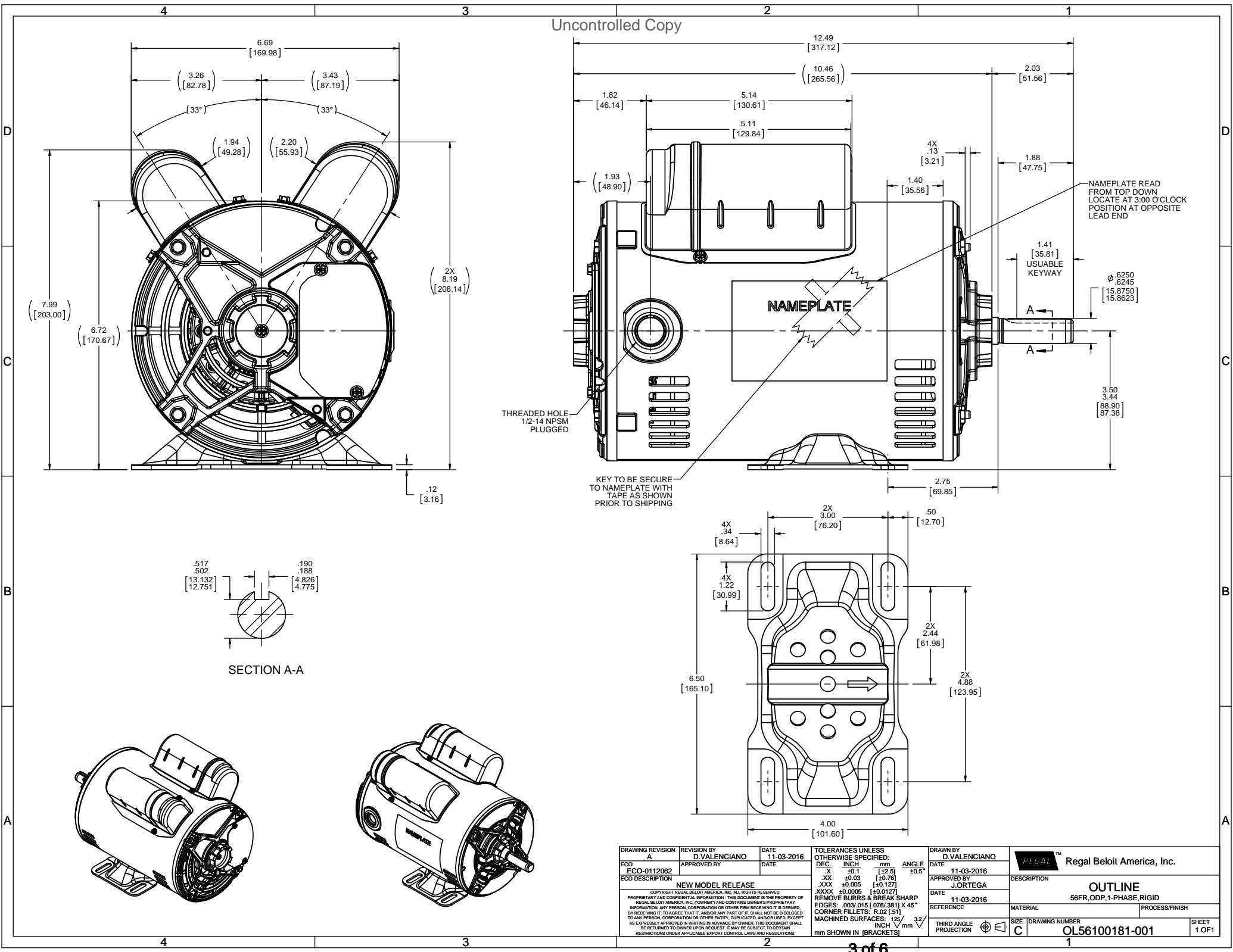
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	6.6/3.5-3.3 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Efficiency	81.8 %	Power Factor	91
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	L
Frame	56	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22

Technical Specifications

Electrical Type	Capacitor Start Capacitor 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	12.49 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Connection Drawing	CDBD124	Outline Drawing	OL56100181-001

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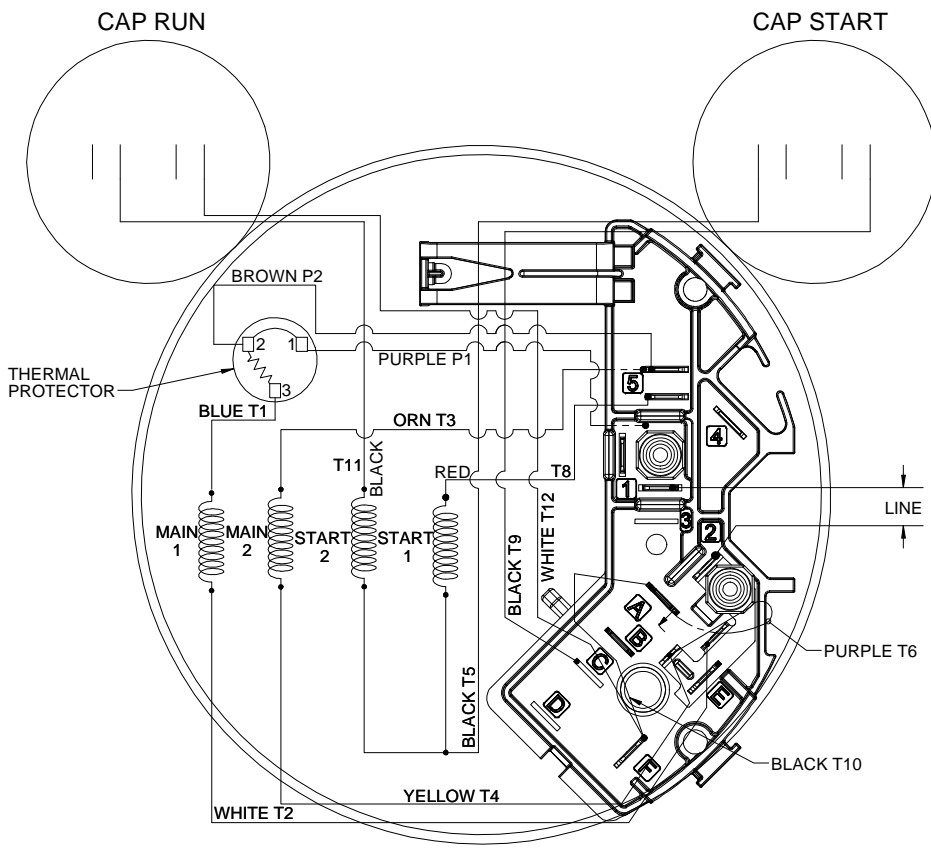
THREADED HOLE
1/2-14 NPSM
PLUGGED

KEY TO BE SECURE
TO NAMEPLATE WITH
TAPE AS SHOWN
PRIOR TO SHIPPING

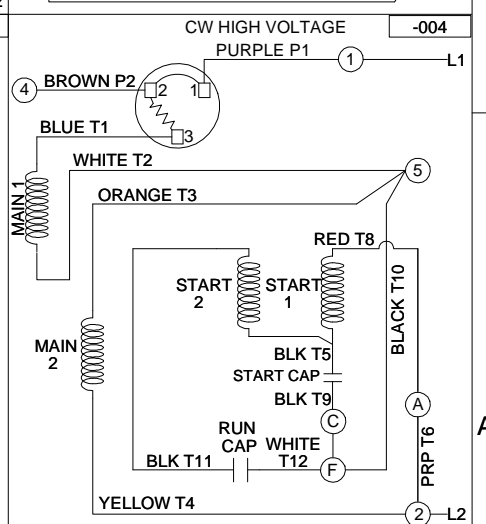
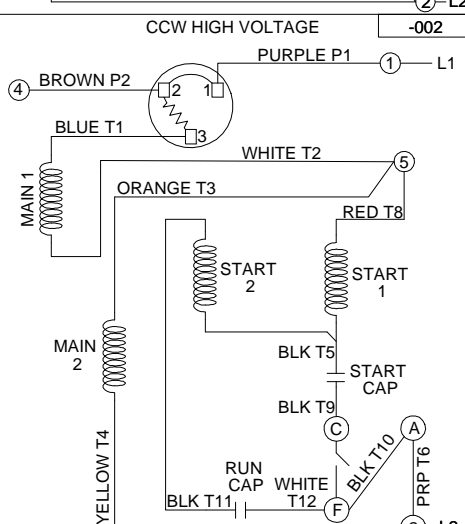
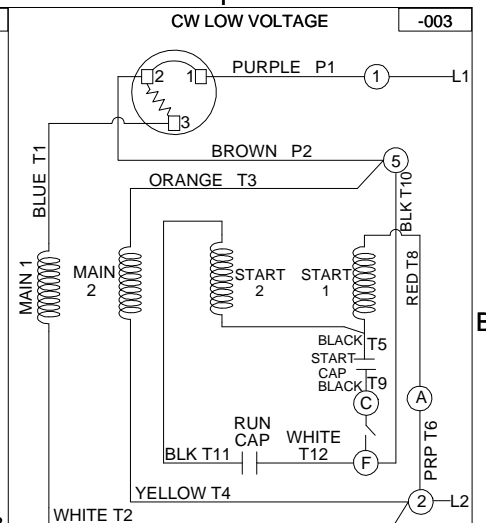
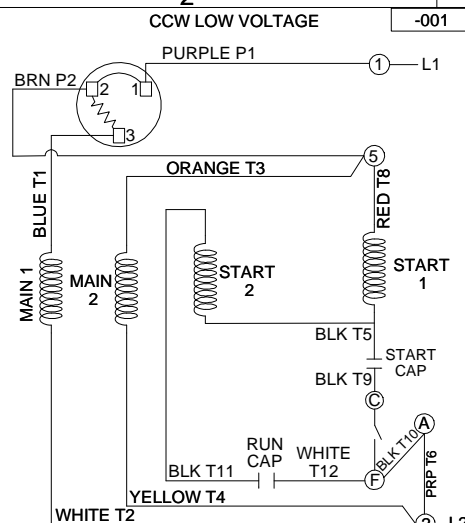
NAMEPLATE READ
FROM TOP DOWN
LOCATE AT 3:00 O'CLOCK
POSITION AT OPPOSITE
LEAD END

SECTION A-A

DRAWING REVISION A	REVISION BY D.VALENCIANO	DATE 11-03-2016	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE	DRAWN BY D.VALENCIANO	Regal Beloit America, Inc.
ECO-0112062	APPROVED BY	DATE	.X ±0.1 [±2.5] 30.5° .XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DATE 11-03-2016	
NEW MODEL RELEASE			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [51]	APPROVED BY J.ORTEGA	DESCRIPTION OUTLINE 56FR,ODP,1-PHASE,RIGID
<small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. FORMERLY AND CONTAINS OWNERS PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			MACHINED SURFACES: 1/25 √mm 3/2 INCH √mm	DATE 11-03-2016	MATERIAL
			mm SHOWN IN [BRACKETS]	REFERENCE	PROCESS FINISH
			THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER OL56100181-001
					SHEET 1 OF 1



CCW/CW ROTATION-CAP START AND CAP RUN DUAL VOLTAGE WITH PROTECTOR



- NOTES:**
- FOR HI VOLTAGE REMOVE BROWN P2 FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE WHITE T2 FROM TERMINAL #2 AND PLACE ON TERMINAL #5
 - TO REVERSE ROTATION, INTERCHANGE RED T8 & BLACK T10.
 - SWITCH REF. 10003283-001-001
 - CONN DIAGRAM-NAMEPLATE DD10114-001

DRAWING REVISION E	REVISION BY J.CORTEZ	DATE 12-07-2018
ECO ECO-0158061	APPROVED BY J.CORTEZ	DATE 12-07-2018
ECO DESCRIPTION UPDATED, SEE ECO		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [51] MACHINED SURFACES: 125/3.2 INCH/mm SHOWN IN [BRACKETS]			

DRAWN BY G. RODRIGUEZ	DATE 06-08-2018
APPROVED BY EVERTS MARTINEZ	DATE 06-08-2018
REFERENCE	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER CDBD124
	SHEET 1 OF 1



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230 Volts
60 HZ
0.75 HP

HP 0.75

PHASE 1

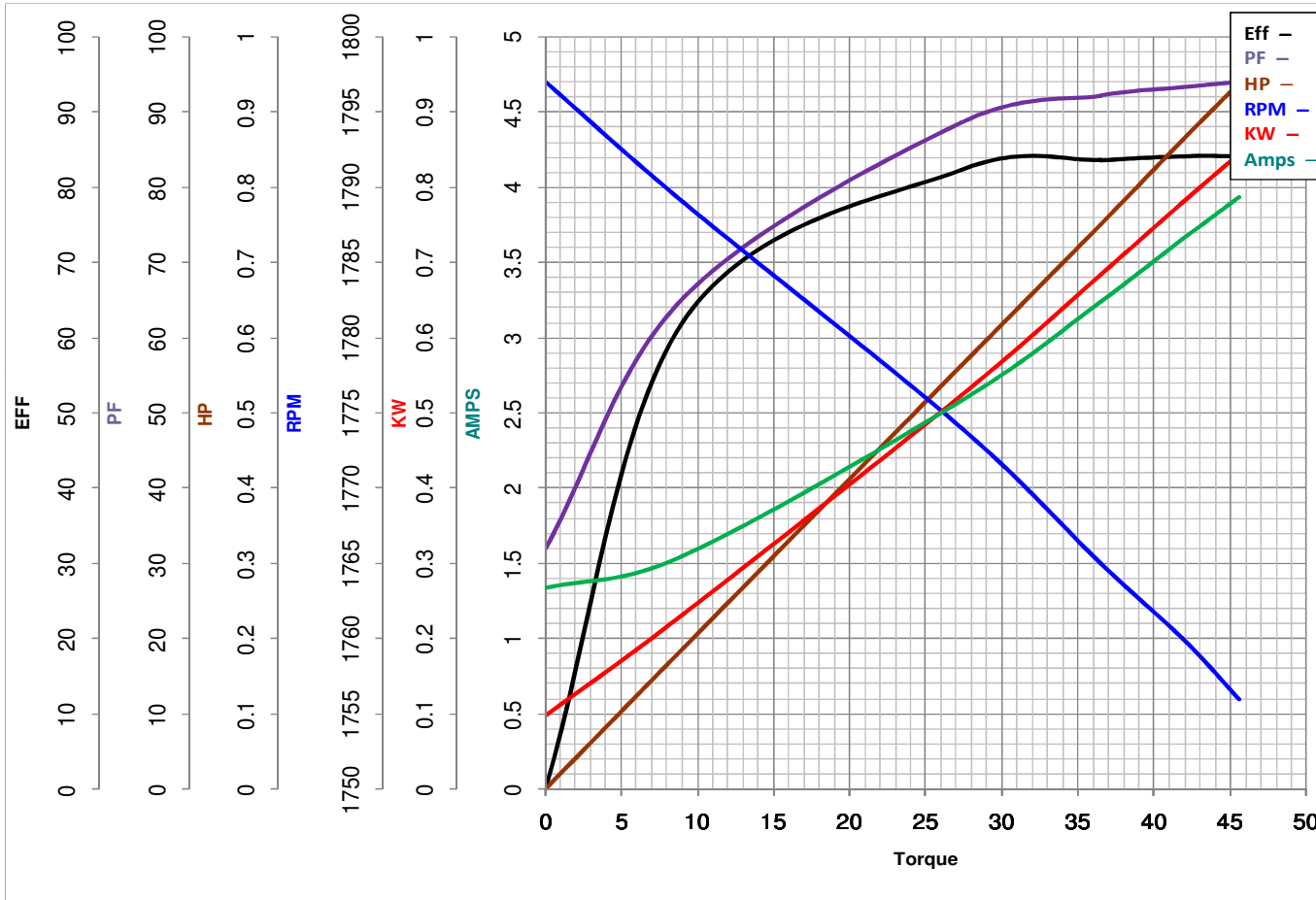
Model No 56B17DRR70004A1

VOLTS 115/208-230

Catalog No C176A

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 36.48 Oz.Ft
BD TORQUE 115.8 Oz.Ft
LR TORQUE 137.8 Oz.Ft

FL AMPS 6.6/3.5-3.3
PU TORQUE 128.8 Oz.Ft
LR AMPS 31.49

WINDING NB56461-3

Date 1/10/2019