

PRODUCT INFORMATION PACKET



Model No: C6C28DB26E

Catalog No: 113903.00

1HP..75kW.2850RPM.56.IP22.110/220V.1PH.50HZ.CONT.NOT.40C.1.25SF.RIGID.50 HERTZ.C6C28DB26E
50 Hz



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REGAL



Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	50 Hz	Voltage	110/220 V
Current	13.2/6.6 A	Speed	2850 rpm
Service Factor	1.25	Phase	1
Efficiency	66 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	J	Frame	56
Enclosure	Drip Proof	Overload Protector	No
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 Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
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	10.84 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028601-600B	Connection Diagram	005390.01

4

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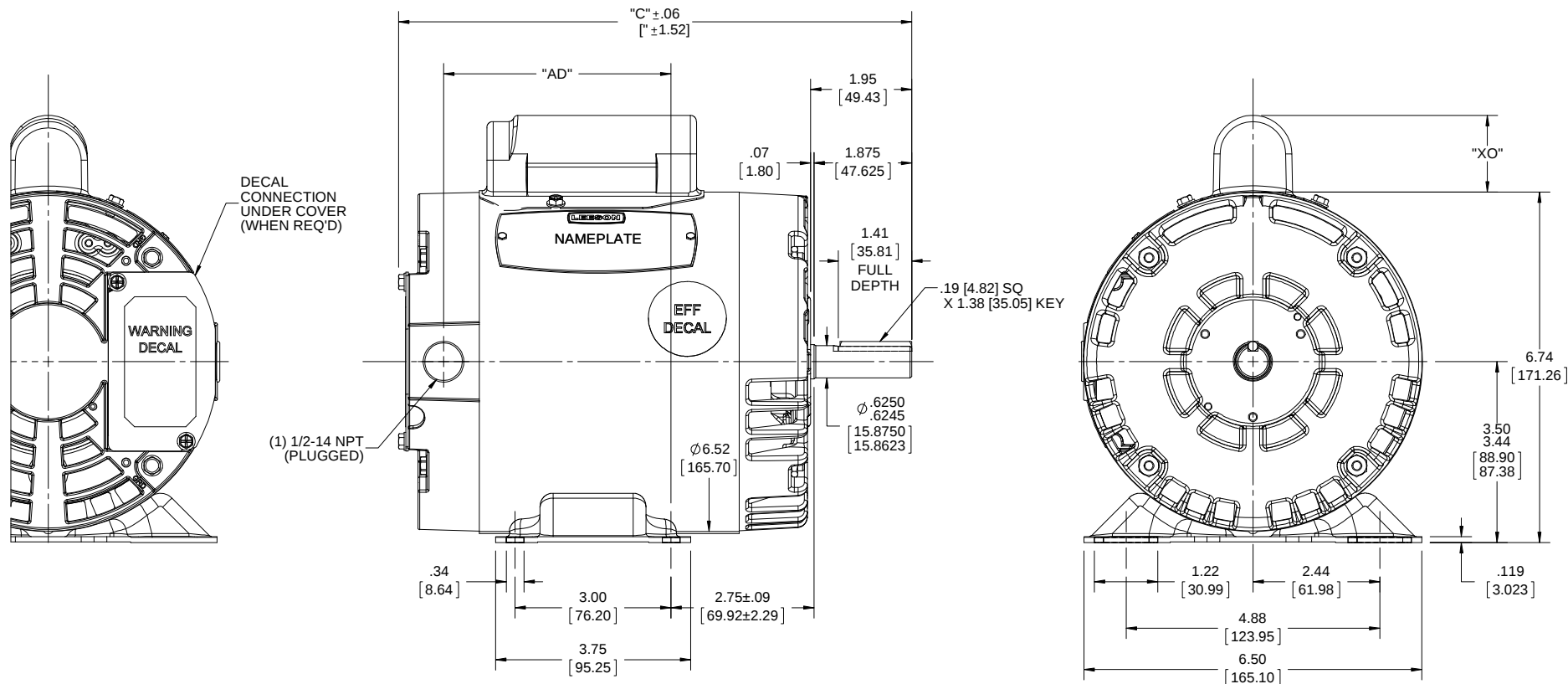
Uncontrolled Copy

2

1

B

B



A

A

DASH NO.	"C"	"AD"		
500	9.87 [250.70]	4.38 [111.25]		
550	10.37 [263.40]	4.88 [123.95]	CAP DASH.	"XO"
600	10.87 [276.10]	5.38 [136.65]	A	1.48 [37.59]
650	11.37 [288.80]	5.88 [149.35]	B	1.94 [49.28]
700	11.87 [301.50]	6.38 [162.05]	C	2.19 [55.62]

4

DRAWING REVISION C	REVISION BY A.SUPPANAVER	DATE 12/21/2017
ECO ECO-0143018	APPROVED BY PK	DATE 04/10/2018
ECO DESCRIPTION OUTLINE CONVERSION PROJECT		
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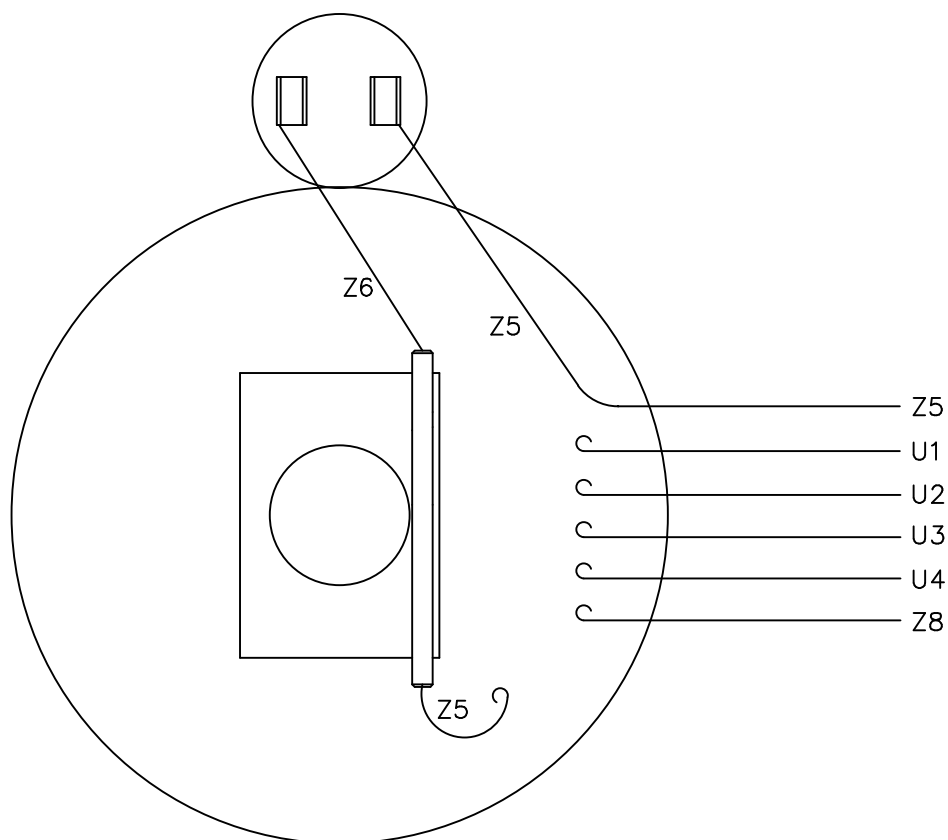
TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	$\pm .01$	[± 2.5]	$\pm 0.5^\circ$
.XX	± 0.03	[± 0.76]	
.XXX	± 0.005	[± 0.127]	
.XXXX	± 0.0005	[± 0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: $\frac{125}{\sqrt{}} \frac{3.2}{\sqrt{}}$			
mm SHOWN IN [BRACKETS]			

2

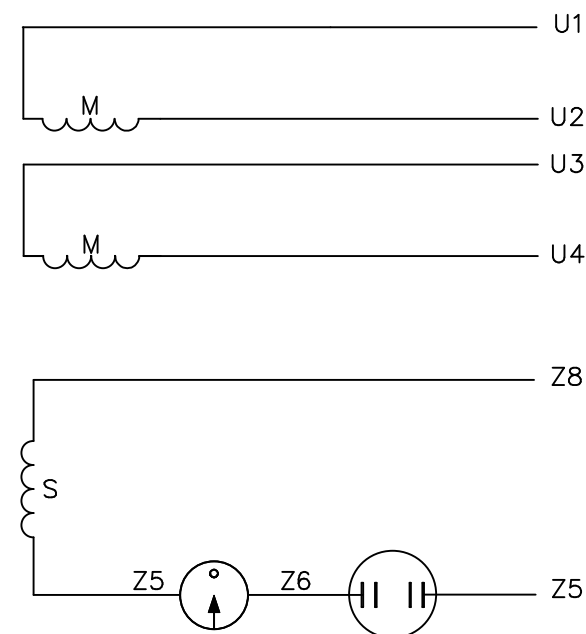
DRAWN BY RDW	REGAL™ Regal Beloit America, Inc.	
DATE 7/1/04	DESCRIPTION OUTLINE 56-FRAME DRIP PROOF -RIGID	
APPROVED BY SW		
DATE 7/1/04	MATERIAL PROCESS/FINISH	
REFERENCE 028601		
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 028601
		SHEET 1 OF 1

1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	U1	U4 Z5	U2,U3 Z8
	C.W.	U1	U4 Z8	U2,U3 Z5
LOW VOLT	C.C.W.	U1,U3 Z8	U2,U4 Z5	---
	C.W.	U1,U3 Z5	U2,U4 Z8	---

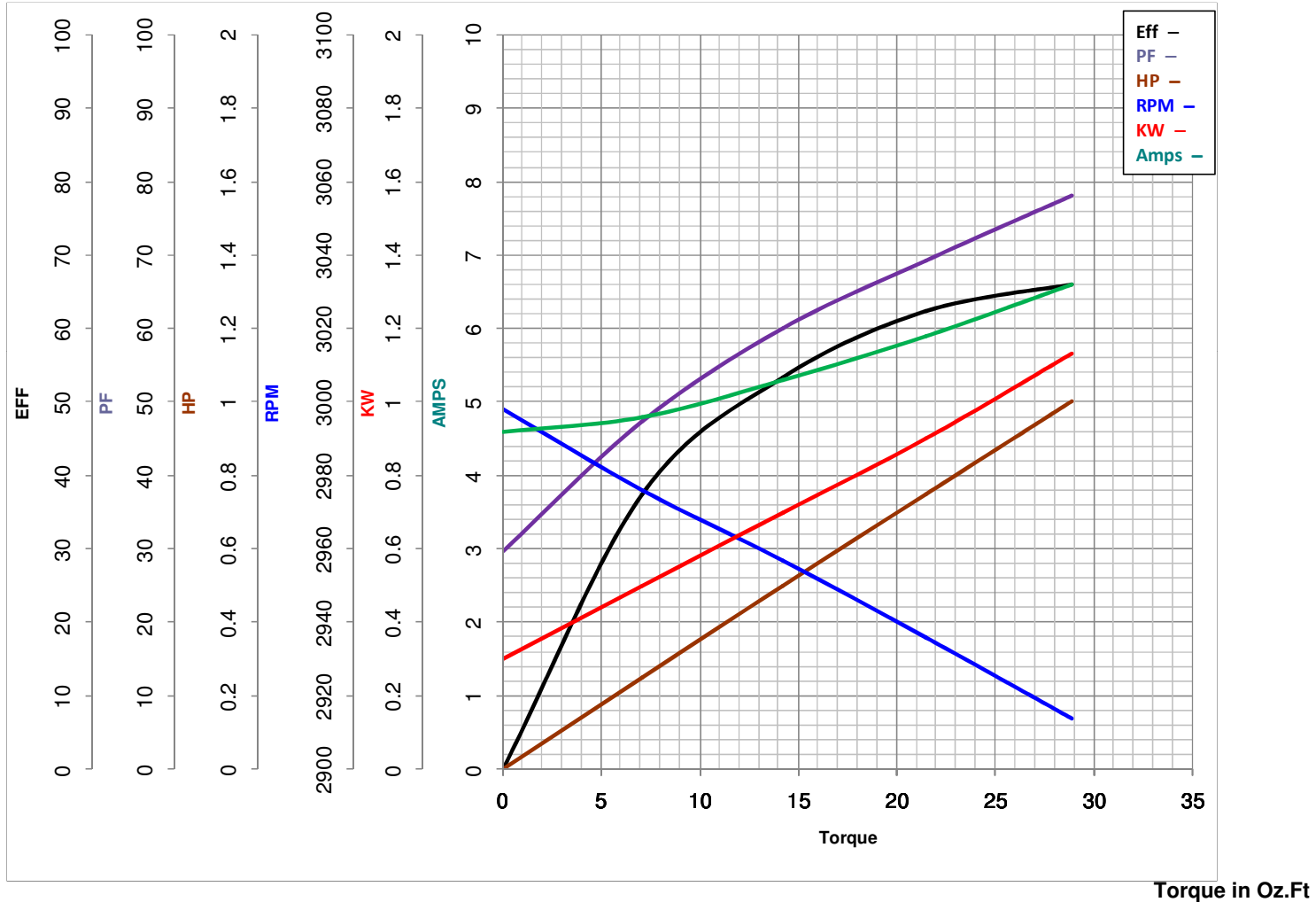
				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RSK 09/09/96			
				DEC.	INCHES				CHK			
				.X	±.1				APPD			
				.XX	±.01		TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR		SCALE 1=1			
				.XXX	±.005				REF 005005-01			
				.XXXX	±.0005	MAT'L. DECAL - 080642		FMF 114964.00				
NO.	REVISION		BY & DATE		CHK	ANG	±1/2"	FINISH LEESON CANADA		PREV		
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					DIST							

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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 113903.00Curve at 220
50
1Volts
HZ
HPHP 1.00PHASE 1VOLTS 110/220Catalog No 113903.00HZ 50RPM 2850

FL TORQUE 28.9 Oz.Ft
 BD TORQUE 80.0 Oz.Ft
 LR TORQUE 80 Oz.Ft

FL AMPS 13.2/6.6
 PU TORQUE 82.0 Oz.Ft
 LR AMPS 33

WINDING C632241-4

Date 3/23/2018