

PRODUCT INFORMATION PACKET



Model No: C256K17FB1A

Catalog No: 851150.00

..15HP..1800RPM.256TZ. TEFC.208-230V.1PH.60HZ.CONT.40C.1.0SF.RIGID.....GRAIN DRYER.....

Totally Enclosed Fan Cooled (TEFC)



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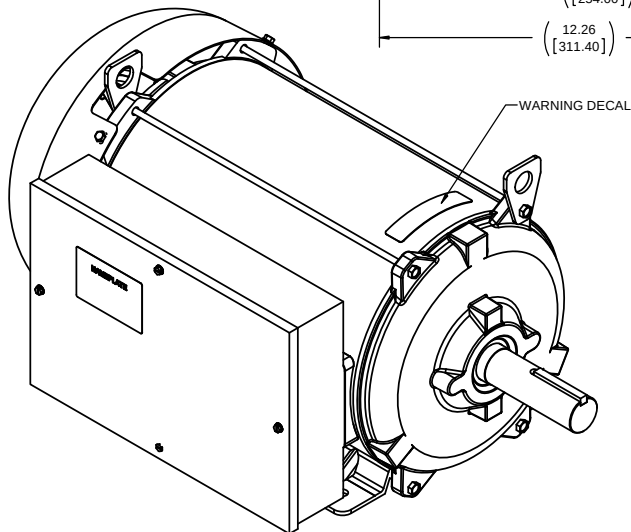
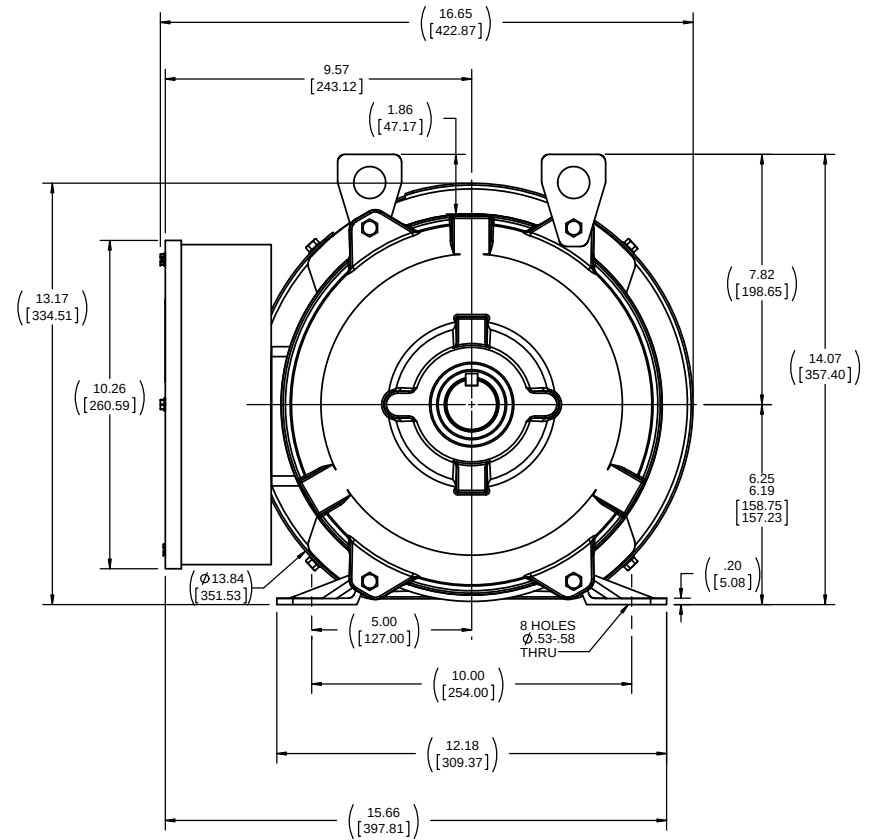
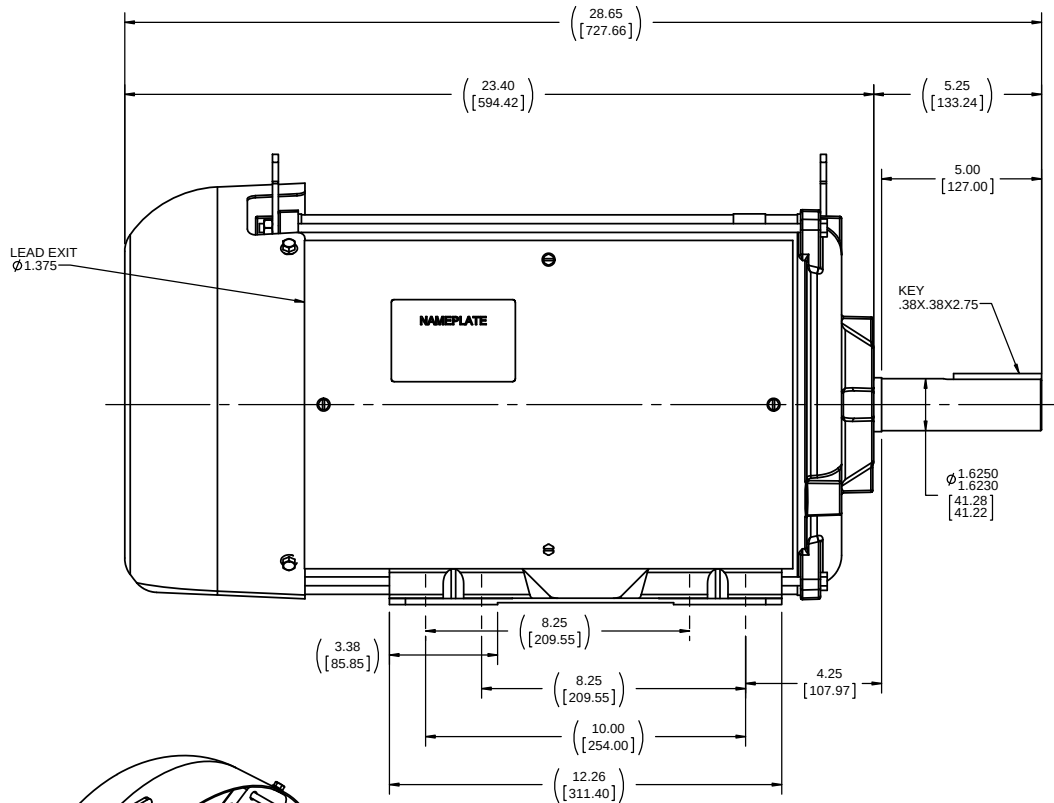


Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	208-230 V
Current	64.5-58.0 A	Speed	1765 rpm
Service Factor	1	Phase	1
Efficiency	89 %	Duty	Continuous
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	F	Frame	256TZ
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	28.65 in	Frame Length	15.50 in
Shaft Diameter	1.625 in	Shaft Extension	5.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	610-0007-001	Connection Diagram	D0000503-001



NOTES:

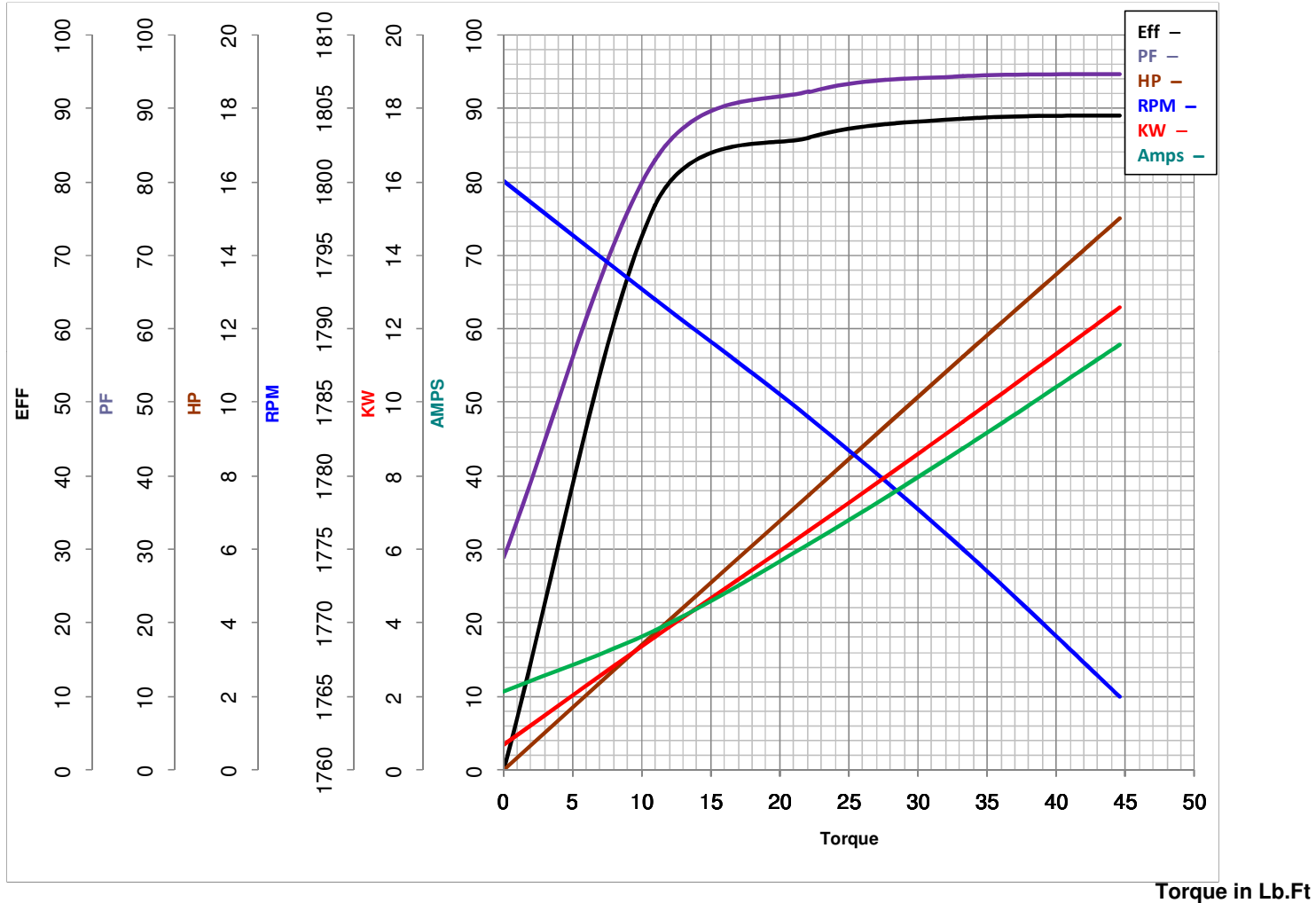
- SPECIAL CONDUIT BOX MOUNTING
- MOTOR NAMEPLATE MUST HAVE WIRING DIAGRAM

DRAWING REVISION B	REVISION BY R. KAESTNER	DATE 12-19-2016	TOLERANCES UNLESS OTHERWISE SPECIFIED:			DRAWN BY M. PLACE		Regal Beloit America, Inc.	
ECO ECO-0108979	APPROVED BY S. LALSARE	DATE 12-19-2016	DEC.	INCH	mm	ANGLE			DATE 07-19-2016
ECO DESCRIPTION	UPDATE NAMEPLATE ORIENTATION		.X	± 0.1	[2.5]	$\pm 7^\circ 30'$	APPROVED BY S. LALSARE	OUTLINE	
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			.XXX	± 0.005	[0.127]		REFERENCE OLP1153548	MATERIAL	PROCESS/FINISH
			.XXXX	± 0.0005	[0.0127]		THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [51] MACHINED SURFACES: 200/ $\sqrt{\hspace{1cm}}$ 5.1			mm	mm	610-0007	SHEET
			mm SHOWN IN [BRACKETS]						1 OF 1



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 851150.00Curve at 230
60
15Volts
HZ
HPHP 15.00PHASE 1VOLTS 208-230HZ 60RPM 1765Catalog No 851150.00

FL TORQUE 44.6 Lb.Ft
 BD TORQUE 102.0 Lb.Ft
 LR TORQUE 150 Lb.Ft

FL AMPS 64.5-58
 PU TORQUE 68.0 Lb.Ft
 LR AMPS 335

WINDING BG11402-1

Date 3/27/2018