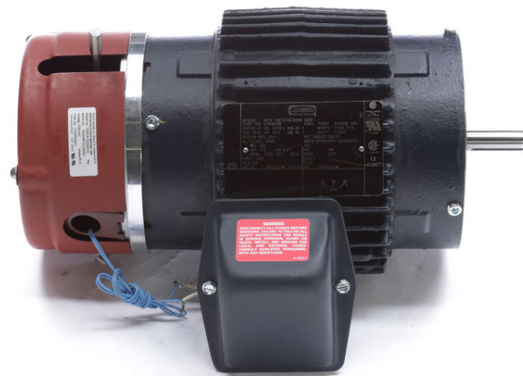


PRODUCT INFORMATION PACKET



Model No: 117698.00
Catalog No: 117698.00
0.50 HP Brake Motor, 3 phase, 1800 RPM, 230 V, 56C Frame, TENV
NEMA Definite Purpose AC Brake Motors



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The Regal logo is located in the bottom right area of the page. It features the word "REGAL" in a white, bold, sans-serif font, set against a dark grey, trapezoidal background. The background of the entire page on the right side is a blue gradient with a fine halftone dot pattern.



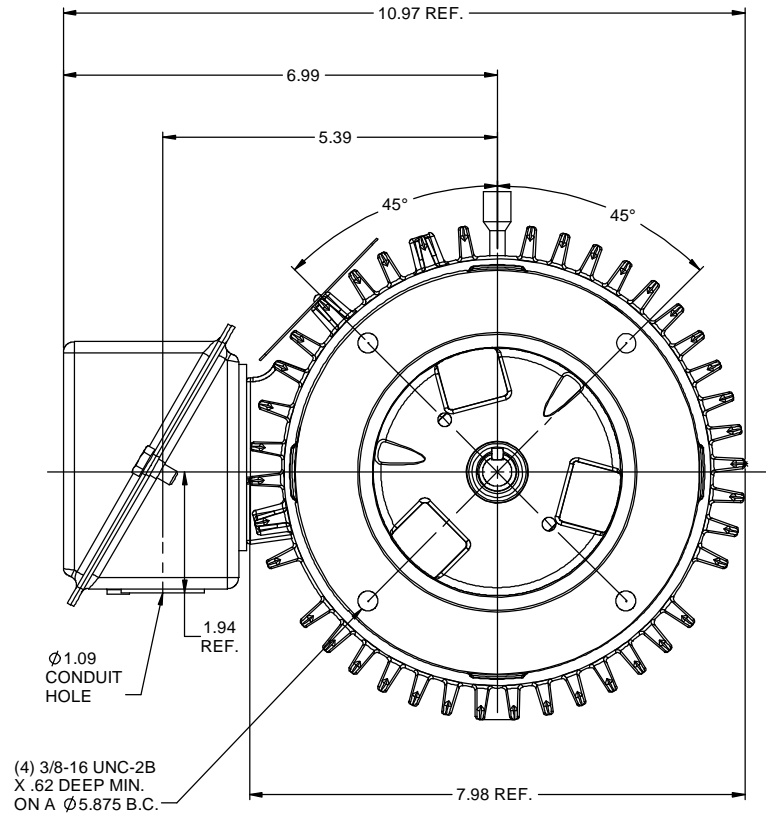
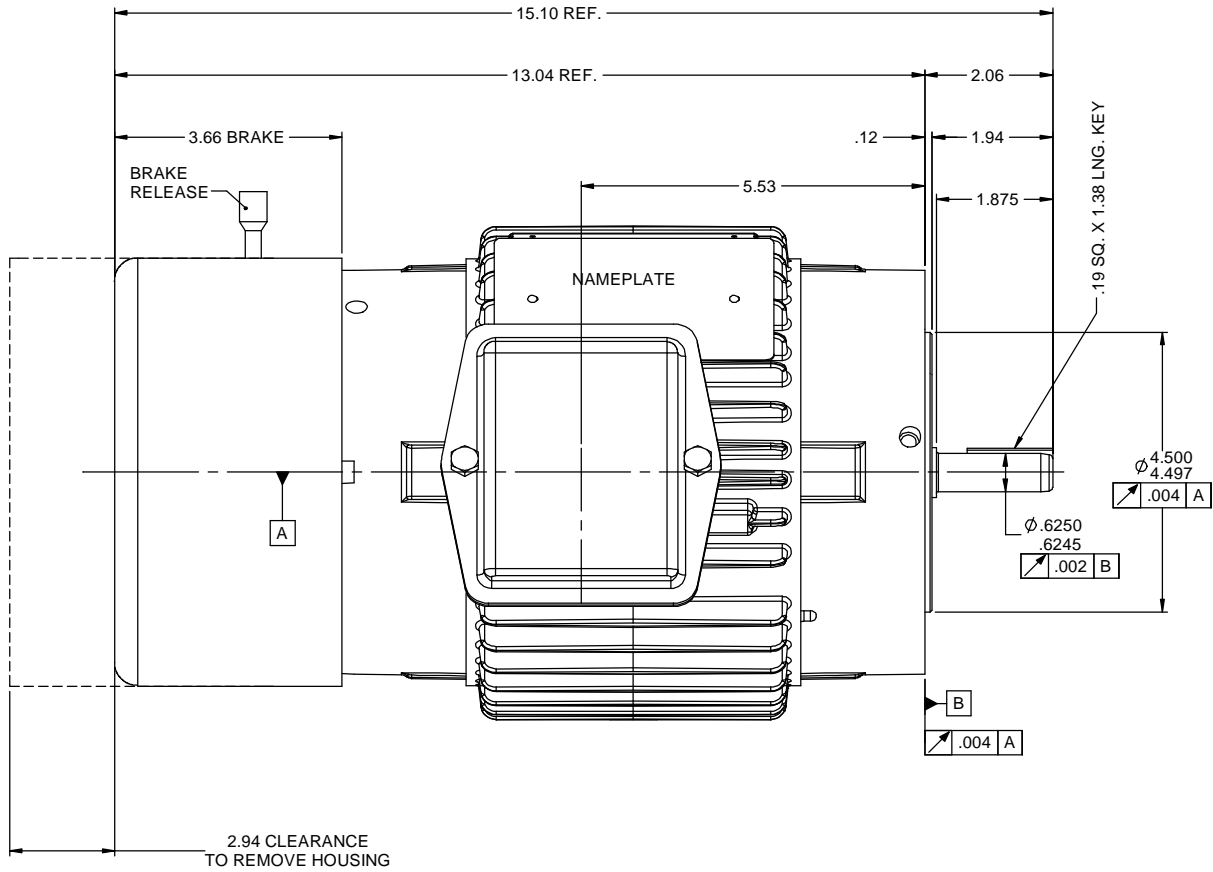
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	230 V
Current	1.6 A	Speed	1750 rpm
Service Factor	1	Phase	3
Efficiency	82.5 %	Power Factor	72
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Frame	143TCZ	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	34.4 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Overall Length	15.10 in
Frame Length	5.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300-LE	Outline Drawing	OL117698

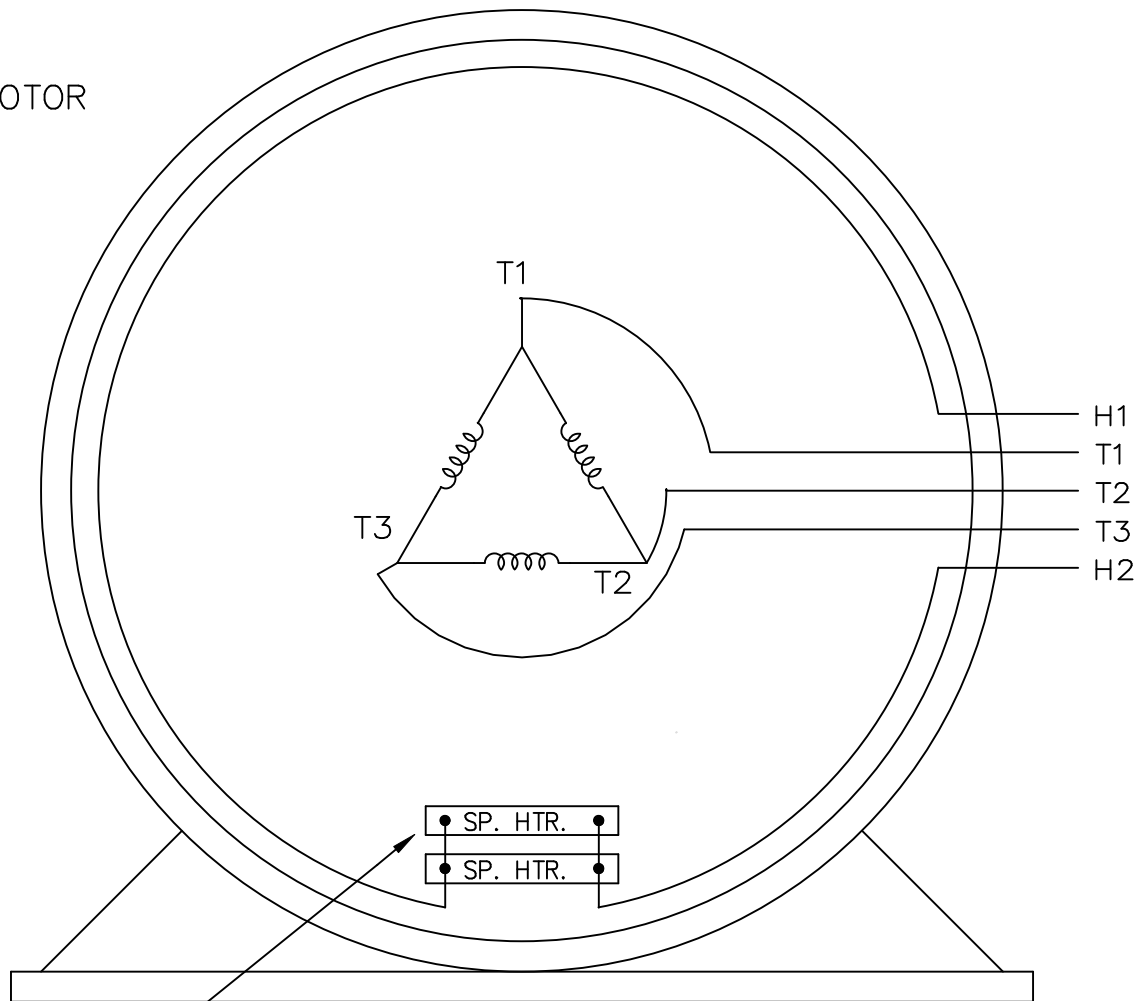
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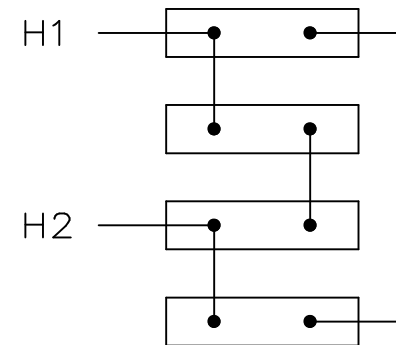
			TOLERANCES UNLESS SPECIFIED		Regal-Beloit Corporation		DRAWN LST 9/14/12	
			DEC	INCHES			CHK	
			X	±.1			APPR	
			XX	±.01	TITLE		SCALE 1:2	
			XXX	±.005	OUTLINE 56 FRAME BRAKEMOTOR		REF	
			XXXX	±.0005	TENV - "C" FACE		FMF	
					MATL		PAGE OF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	REV	
	THIRD ANGLE PROJECTION		RFP	PREV		SIZE	DRAWING NO	
			NETWORK FILE NAME	OL117698		B	OL117698	

EE7300V-LE

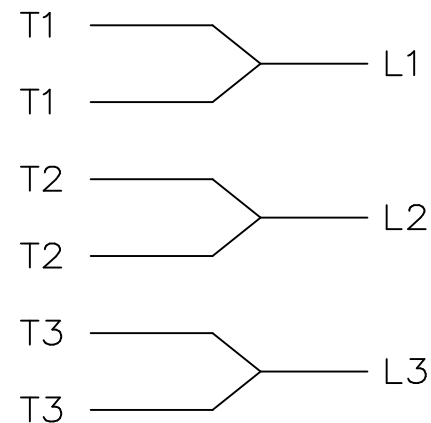
SINGLE VOLTAGE
THREE PHASE MOTOR



SPACE HEATERS
CONNECTED IN
SERIES PARALLEL




IF MOTOR OR GEN.
HAS 6 LEADS



WHEN MORE THAN ONE
SPACE HEATER, CONNECT
IN PARALLEL

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 01-13-2010			
				DEC.	INCHES		CHK MH 01-14-2010			
				.X	±.1		APPD MJS 01-18-2010			
				.XX	±.02		SCALE 1=1			
				.XXX	±.005		REF			
				.XXXX	±.0005	MAT'L.	FMF MU93696			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	01-18-2010	CAD FILE ee7300v_le	SIZE A	DRAWING NO. EE7300V-LE	PAGE OF	REV.
				DIST	WA-LB					



CERTIFICATION DATA SHEET

1051 CHEYENNE AVE.
 GRAFTON, WI 53024
 PH. 262-377-8810

CATALOG #: 117698.00

CONN. DIAGRAM: A-EE7300-LE

OUTLINE: O1117698

WINDING #: ZT470 TS 3

MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN		
1/2	0.37	1800	1750	56C	TENV	L	B		
PH	Hz	VOLTS	AMPS	START TYPE		DUTY	INSL	S.F.	AMB°C
3	60	230	1.6	ACROSS THE LINE		CONTINUOUS	F3	1.0	40

FULL LOAD EFF:	82.5	3/4 LOAD EFF:	83	1/2 LOAD EFF:	79.5	GTD. EFF	80	ELEC. TYPE
FULL LOAD PF:	72	3/4 LOAD PF:	63.5	1/2 LOAD PF:	51	SQ CAGE IND RUN		

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C		
1.5 LB-FT	12.6	4.5 LB-FT	300 %	6.3 LB-FT	420 %	35

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
62 DBA	72 DBA	0.056 LB-FT^2	- LB-FT^2	20 SEC.	-	44 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	CAST IRON
6205	6203						

THERMO-PROTECTORS							
THERMOSTATS	PROTECTORS	WDG RTDS	BRG RTDS	THERMISTORS	CONTROL	SPACE HEATERS	VOLTS
NONE	NOT	NONE	NONE	NONE	FALSE	NONE	NONE

*

INVERTER TORQUE: NONE
 INV. HP SPEED RANGE: NONE

ENCODER:	NONE
NONE	NONE
NONE	PPR

BRAKE:	NONE	NONE
NONE	P/N	NONE
NONE	NONE	NONE
NONE	FT-LB	NONE
NONE	V	NONE
NONE	Hz	

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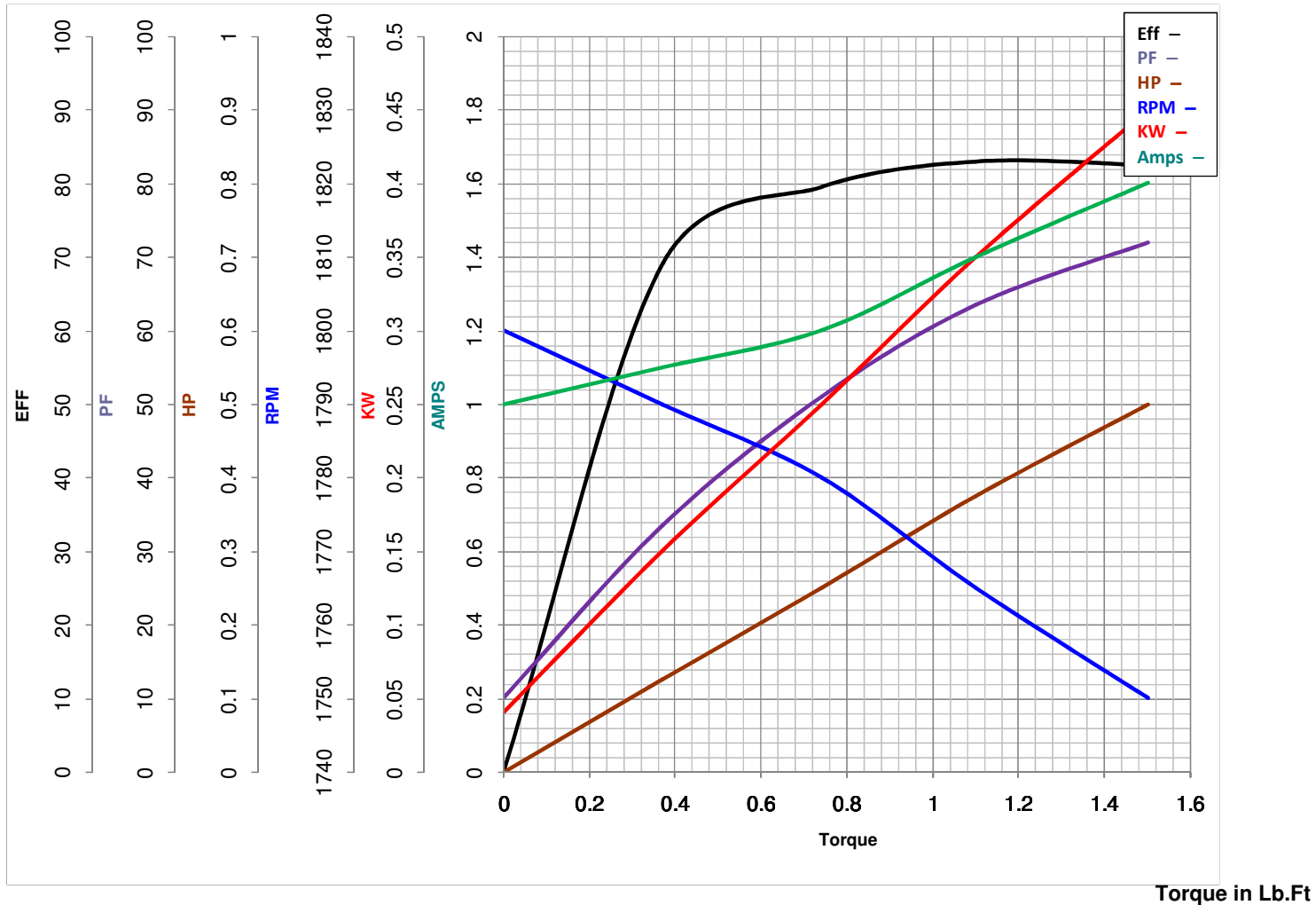


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 117698.00

Catalog No 117698.00

Curve at 230 Volts HP 0.50 PHASE 3
60 HZ
0.5 HP VOLTS 230
HZ 60 RPM 1750



FL TORQUE 1.5 Lb.Ft
 BD TORQUE 6.3 Lb.Ft
 LR TORQUE 4.5 Lb.Ft

FL AMPS 1.6
 PU TORQUE 5.5 Lb.Ft
 LR AMPS 12.6

WINDING ZT470-3

Date 5/25/2018