

PRODUCT INFORMATION PACKET



Model No: 140647.00
Catalog No: 140647.00
10 HP Close-Coupled Pump Motor, 1 phase, 3600 RPM, 230 V, 215JP Frame, ODP
Close-Coupled Pump Motors



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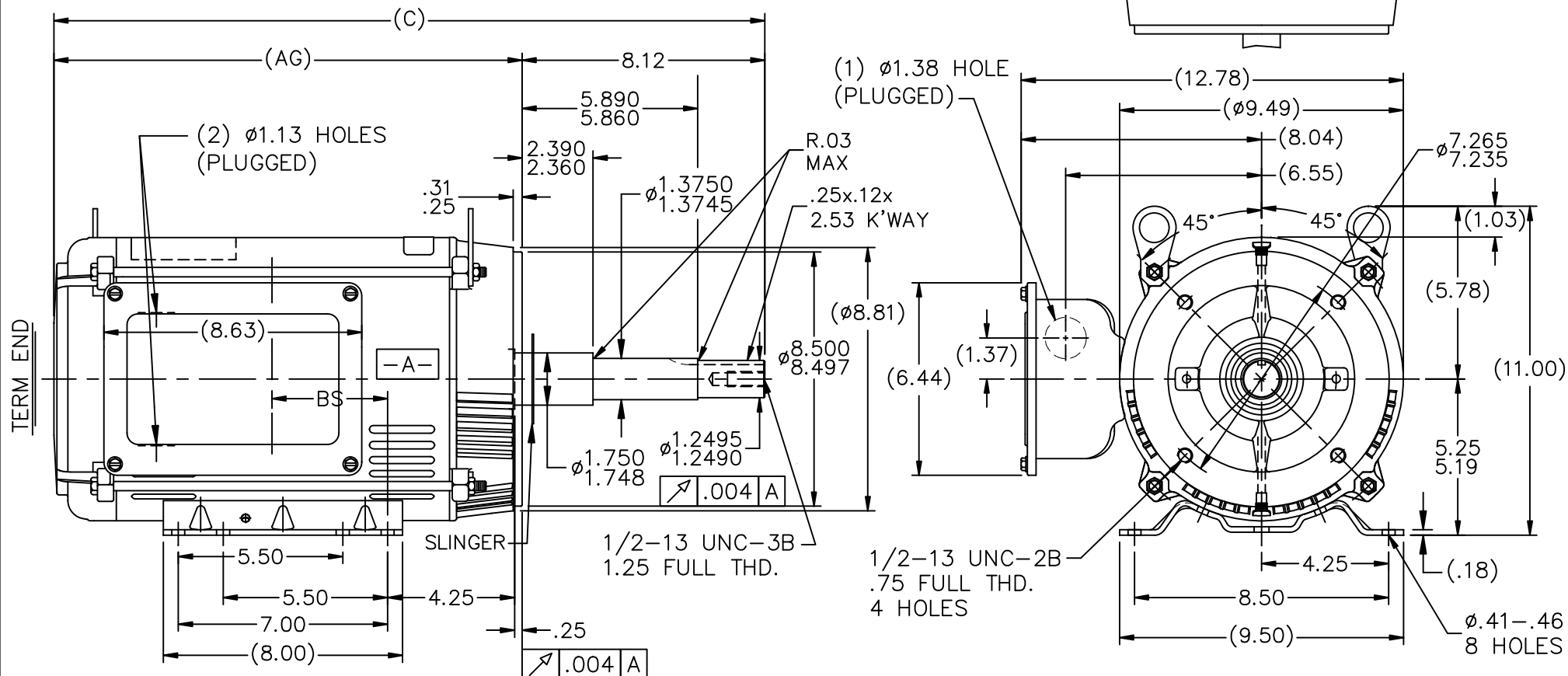
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230 V
Current	47.0 A	Speed	3465 rpm
Service Factor	1.15	Phase	1
Efficiency	81.5 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Frame	215JP	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	206
UL	Recognized	CSA	Y
IP Code	22	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	JP
Overall Length	23.79 in	Frame Length	11.15 in
Shaft Diameter	1.250 in	Shaft Extension	8.09 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	037644LE-1115	Connection Drawing	A-EE7090JR-LE

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DASH	FR.	C	AG	BS
965	213JP	22.29	14.17	2.45
1115	213/15JP	23.79	15.67	3.95
1240	213/15JP	25.04	16.92	5.20

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	GRB 14/11/08			
				DEC.	INCHES		CHK	SK 14/11/08			
				.X	±.1		APPD				
				.XX	±.03		TITLE OUTLINE – 210JP FR. DP – 'C' FACE				
				.XXX	±.005	SCALE				1=5	
				.XXX	±.005	REF	SS86684				
				.XXXX	±.0005	MAT'L.	FMF				
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		CAD FILE 037644LE		SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST LB				A	037644LE			



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: A-EE7090JR-LE
OUTLINE: 037644LE-1115
WINDING #: CK10250 2

CATALOG #: 140647.00

MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10	7.50	3600	3465	215JP	DP	G	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	230	47	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	81.5	3/4 LOAD EFF:	80	1/2 LOAD EFF:	79	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	84	3/4 LOAD PF:	79.5	1/2 LOAD PF:	69	78.5	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
15.1 LB-FT	249	23.1 LB-FT 153 %	34.3 LB-FT 227 %	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	10 SEC.	0	138 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL						
309	206	POLYREX EM	JP	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL

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

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

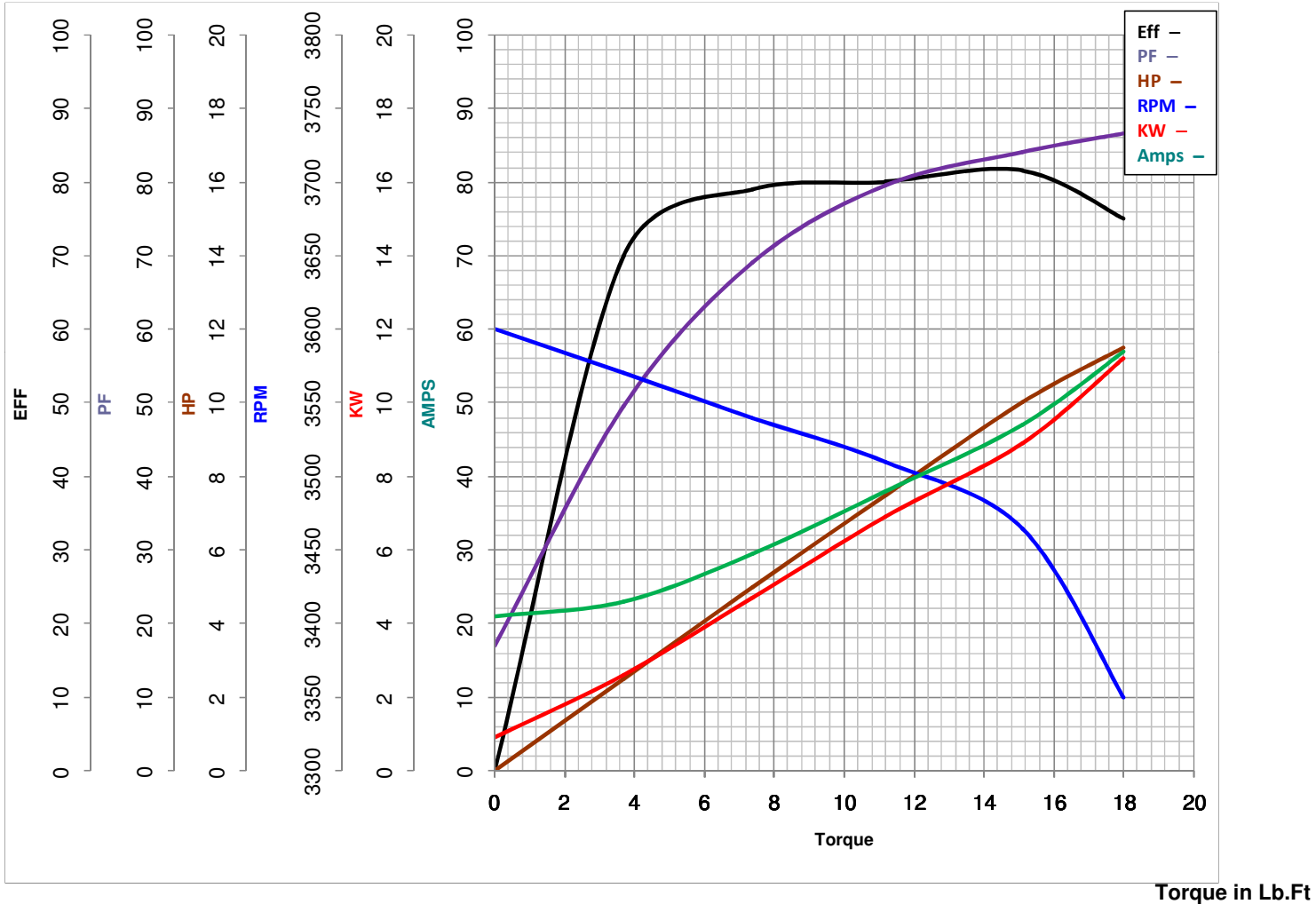


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 140647.00Catalog No 140647.00

Curve at

230
60
10Volts
HZ
HPHP 10.00VOLTS 230HZ 60PHASE 1RPM 3465

FL TORQUE 15.1 Lb.Ft
 BD TORQUE 34.3 Lb.Ft
 LR TORQUE 23.1 Lb.Ft

FL AMPS 47
 PU TORQUE 23.0 Lb.Ft
 LR AMPS 249

WINDING CK10250-2

Date 3/19/2018