

PRODUCT INFORMATION PACKET



Model No: 140644.00
Catalog No: 140644.00
10,3600,DP,215JM,1/60/230
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	B
Design Code	L	KVA Code	G
Frame	215JM	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
CE	N	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
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	19.92 in
Frame Length	11.15 in	Shaft Diameter	0.875 in
Shaft Extension	4.21 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7090JR-LE	Outline Drawing	038180-1115

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DASH	FR.	C	AG
965	213JM	18.42	14.17
1115	213/15JM	19.92	15.67
1240	213/15JM	21.17	16.92

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

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN MVG 08/28/2017			
				DEC.	INCHES		CHK	SR 08/28/2017		
				.X	±.1		APPD	SR 08/28/2017		
				.XX	±.03		SCALE	1=4.2		
				.XXX	±.005				REF	037643
A	NEW DRAWING	MJVG 08/28/17	SR	.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 038180		SIZE A	DRAWING NO. 038180	PAGE 1 OF 1	REV. A
			DIST LB							



CERTIFICATION DATA SHEET

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

CATALOG #: 140644.00

CONN. DIAGRAM: A-EE7090JR-LE

OUTLINE: 038180-1115

MOUNTING: F1 ONLY

WINDING #: CK10250 2

TYPICAL MOTOR PERFORMANCE DATA

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

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	230	47	ACROSS THE LINE	CONTINUOUS	B4	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	135 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	POLYREX EM	JM	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
309	206						

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 140644.00

Curve at

230

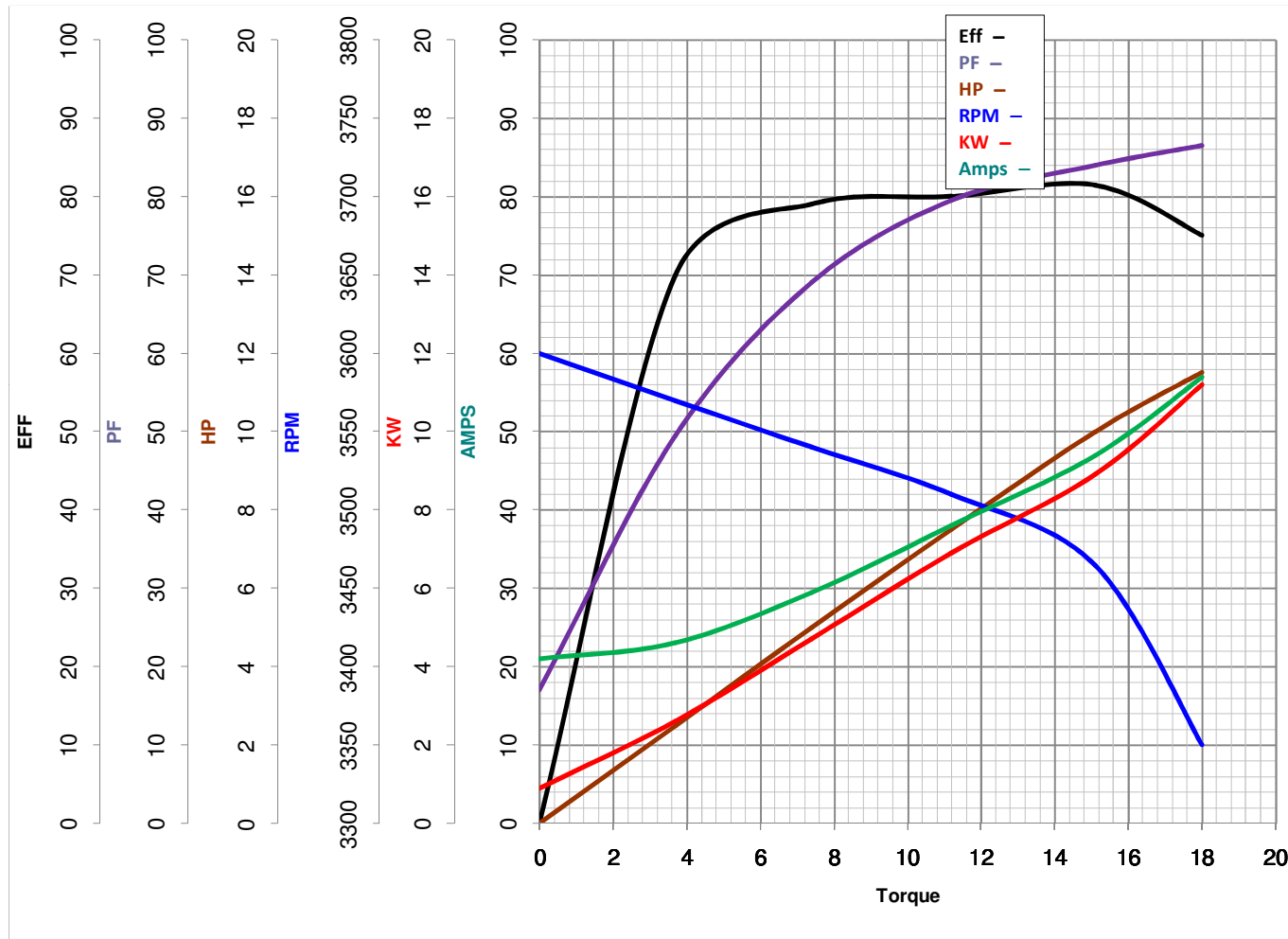
Volts

HP 10.00PHASE 160

HZ

10

HP

VOLTS 230Catalog No 140644.00HZ 60RPM 3465

Torque in Lb.Ft

FL TORQUE 15.1 Lb.FtBD TORQUE 34.3 Lb.FtLR TORQUE 23.1 Lb.Ft

WINDING CK10250-2

FL AMPS 47PU TORQUE 23.0 Lb.FtLR AMPS 249

Date 4/10/2018