

PRODUCT INFORMATION PACKET



Model No: 193358.60

Catalog No: 193358.60

LEESON® PASSPORT 2 HP General Purpose, 3 phase, 1200 RPM, 230/460 V, 100L Frame, TEFC



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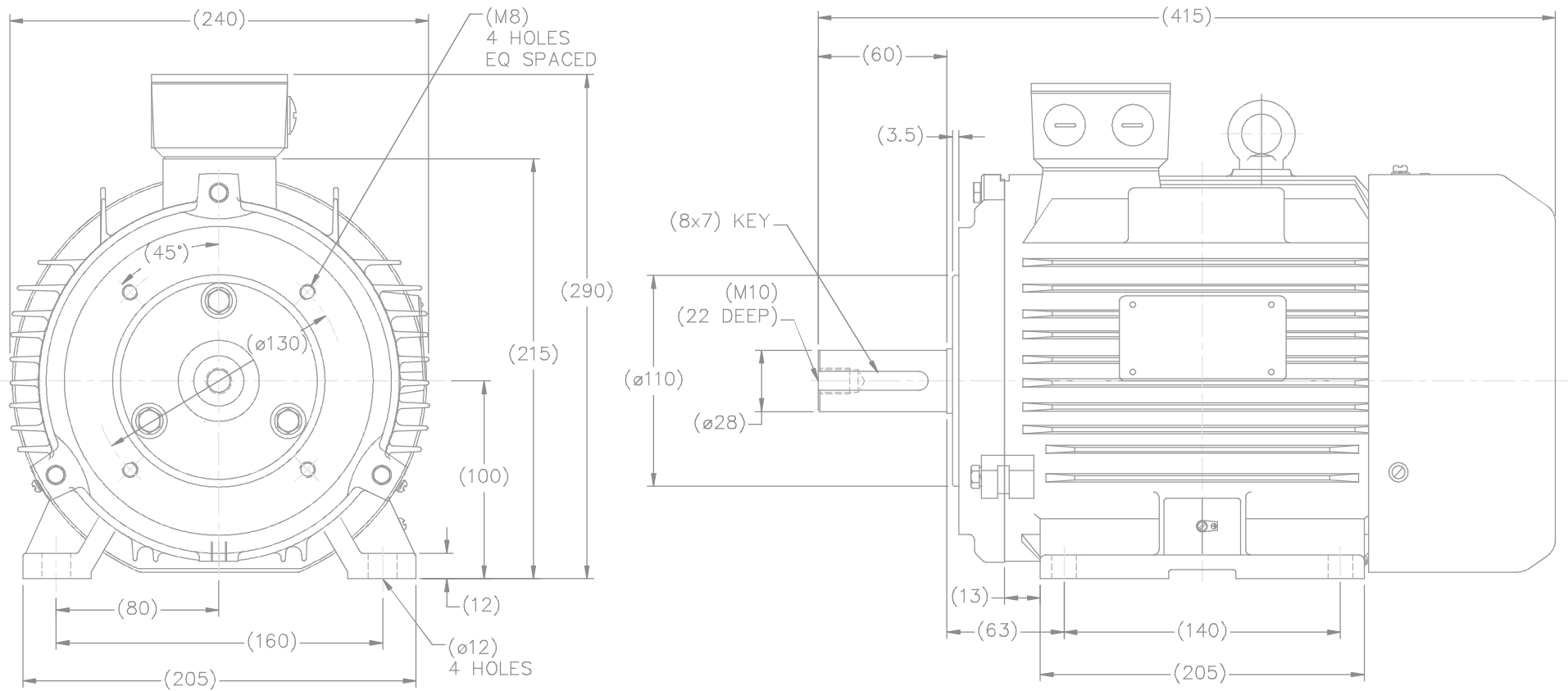


Nameplate Specifications

Phase	3	Output HP	2 & 1.50 Hp
Output KW	1.5 & 1.1 kW	Voltage	230/460 & 200/400 V
Speed	1185 & 980 rpm	Service Factor	1.15 & 1.15
Frame	100L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	88.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	6/3 & 5.6/2.8 A	Power Factor	70.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	5.09 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	16.33 in
Shaft Diameter	1.125 in	Shaft Extension	2.36 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 10:1
Outline Drawing	B-SS622273	Connection Drawing	005465.01

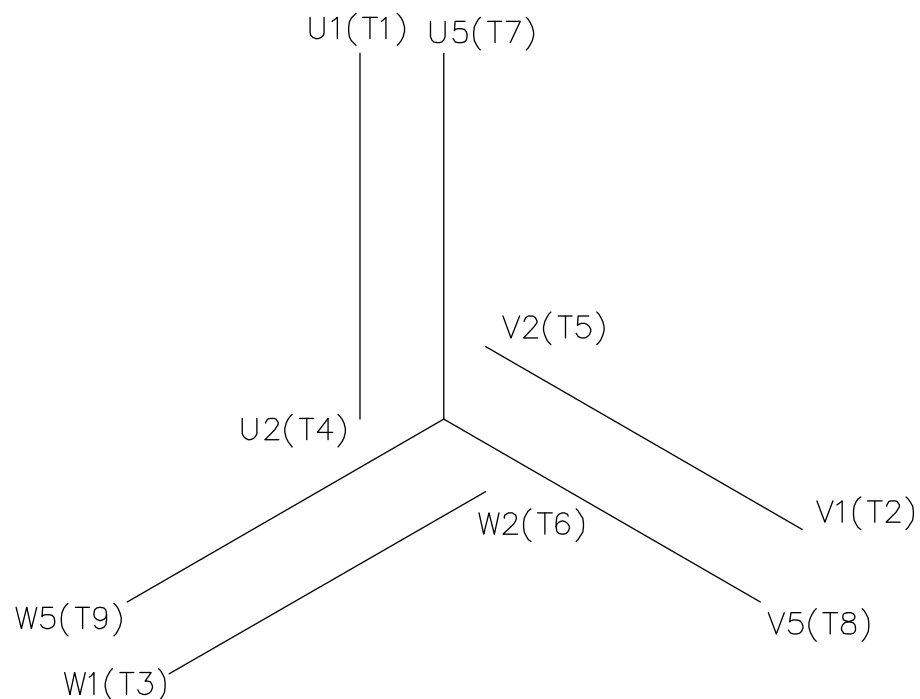


Cat. No	MODEL
193361.60	DF100LC-2R
193359.60	DF100LC1-4R
193362.60	DF100LC2-4R
193358.60	DF100LC-6R

(MAY NOT BE DRAWN TO SCALE)

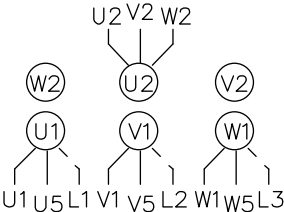
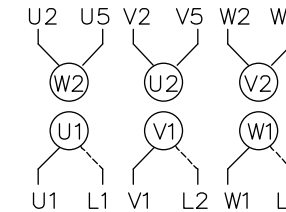
(DIMENSIONS ARE IN MILLIMETERS)

TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN HLB 12-10-2010	
DEC.	METRIC	REGAL-BELOIT CORPORATION		CHK	DJK 12-17-2010
.X	±2.5	TITLE OUTLINE		APPD	SB 12-18-2010
.XX	±.76	DF100LC-B14		SCALE	1=18
.XXX	±.127	MAT'L		REF	
.XXX	±.0127	FINISH		FMF	HEBEL
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"
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	12-21-2010	CAD FILE SS622273
			DIST		
			SIZE	B	DRAWING NO. SS622273
			PAGE	OF	REV.




REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS

<div>LOW VOLTAGE</div> <div></div>			<div>HIGH VOLTAGE</div> <div></div>			
LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	U1,U5	V1,V5	W1,W5	---	U2,V2,W2	---
HIGH	U1	V1	W1	U2,U5	V2,V5	W2,W5

NEMA MARKINGS

<div>LOW VOLTAGE</div>				<div>HIGH VOLTAGE</div>			
LINE VOLTAGE	L1	L2	L3	JOIN			
TERMINAL	U1	V1	W1	W2	U2	V2	
LOW	T1, T7	T2, T8	T3, T9	---	T4,T5,T6	---	
HIGH	T1	T2	T3	T4, T7	T5, T8	T6, T9	

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN		MGM 12/3/02		
				DEC.	INCHES			CHK				
				.X	±.1			APPD				
				.XX	±.01			TITLE		SCALE		1=1
				.XXX	±.005	3 PHASE – DUAL VOLTAGE – W/TERM BLOCK		REF		00537703		
01	NEMA LV CONNECTION WAS INCORRECT	RLW	8/4/03	.XXXX	±.0005	MAT'L.		IEC/NEMA MARKINGS		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		THERMAL TRANSFER		PREV		
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				DIST					A	005465–01		01

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Data Sheet

Date: 2/1/2018

193358.60



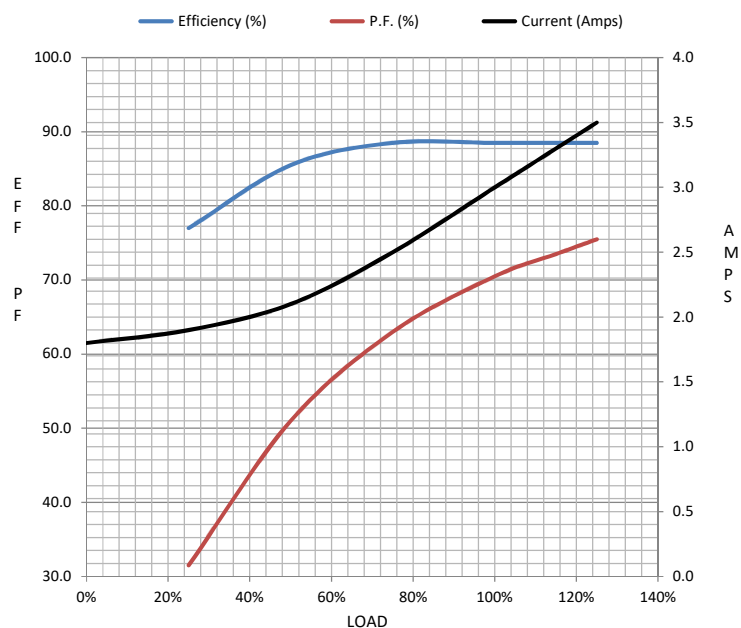
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.80	1.90	2.10	2.50	3.0	3.3	3.5	22.3	
Torque (ft-lb)	0.00	2.20	4.4	6.6	8.9	10.3	11.0	22.8	
RPM	1200	1195	1192	1188	1185	1,180	1175	0	
Efficiency (%)		77.0	85.5	88.5	88.5	88.5	88.5		
P.F. (%)	6.5	31.5	51.0	63.0	70.5	73.5	75.5	44.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block			
Speed (RPM)	0	600	1050	1185	1200	HP	2.0		
Current (Amps)	22.3	20.2	10.5	3.0	1.80	Sync. RPM	1200		
Torque (ft-lb)	22.8	17.5	31.0	8.9	0.00	Frame	100		



Frame	100			
Enclosure	TEFC			
Construction	TFC			
Voltage	230/460#200/400		V	
Frequency	60		Hz	
Design	B			
LR Code letter	K			
Service Factor	1.15			
Temp Rise @ FL	37		° C	
Duty	CONT			
Ambient	40		° C	
Elevation	1,000		feet	
Rotor/Shaft wk²	0.00		Lb-Ft²	
Ref Wdg	T06806004 NONE			
Sound Pressure @ 1M	42		dBA	
VFD Rating	CONSTANT 10:1			
Outline Dwg	B-SS622273			
Conn. Diag	005465.01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

Speed - Torque Curve

