

PRODUCT INFORMATION PACKET



Model No: 193365.60

Catalog No: 193365.60

LEESON® PASSPORT 5.50 HP General Purpose, 3 phase, 1800 RPM, 230/460 V, 112M Frame, TEFC



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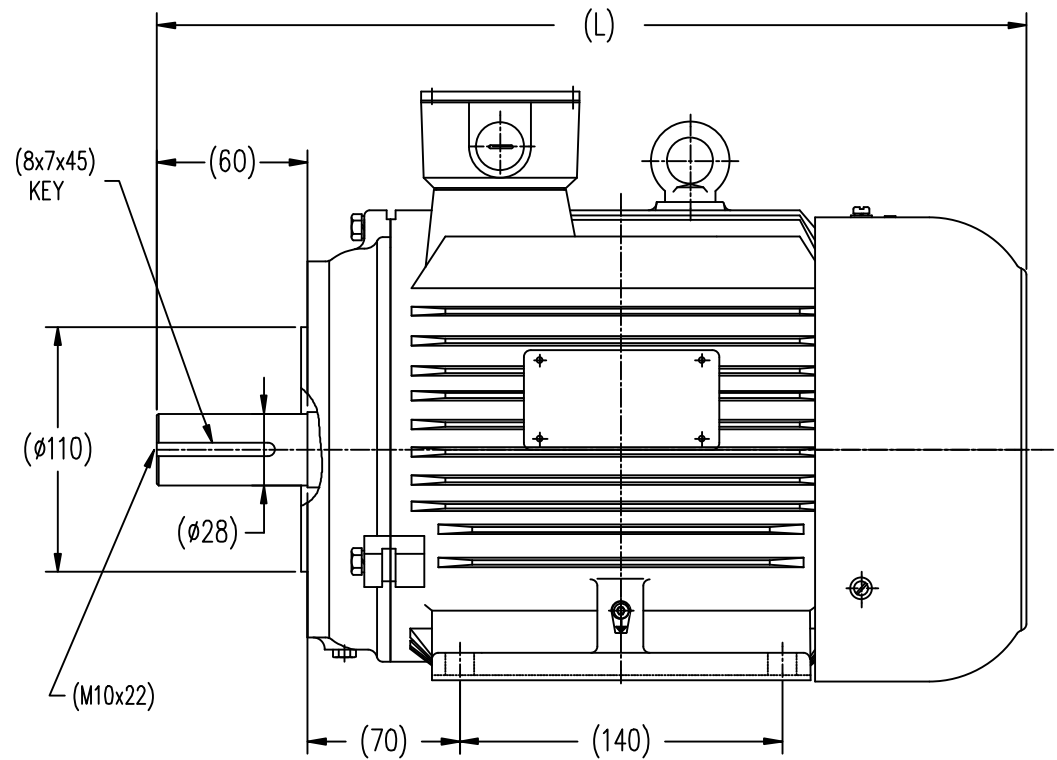
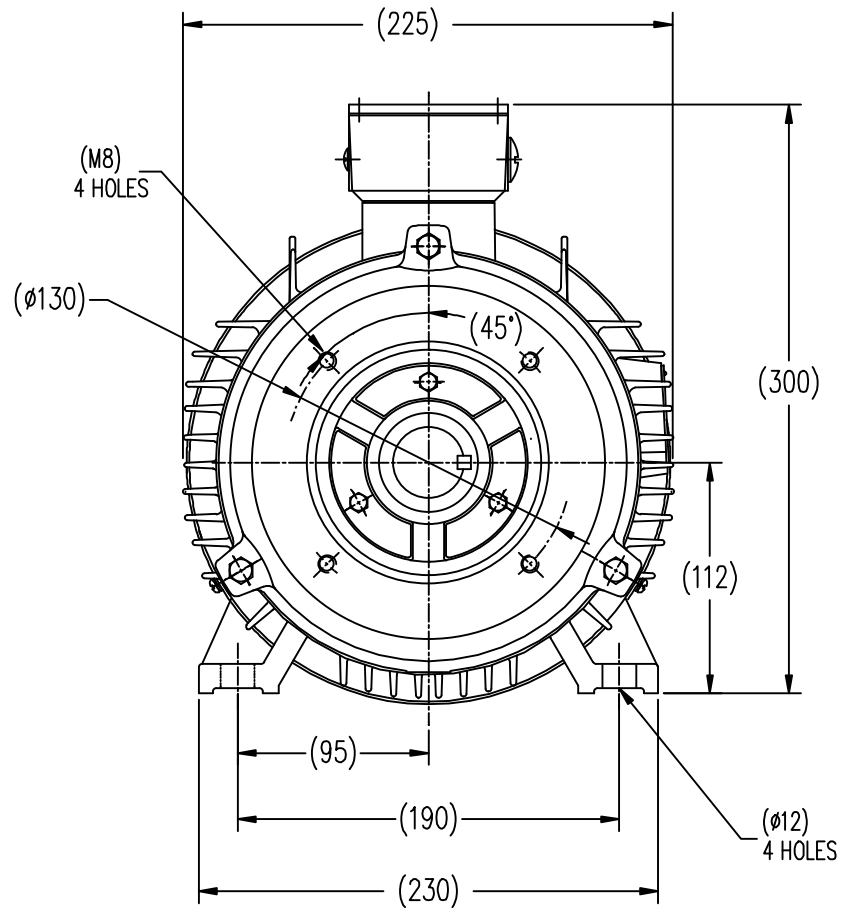


Nameplate Specifications

Phase	3	Output HP	5.50 & 4 Hp
Output KW	4.1 & 3.0 kW	Voltage	230/460 & 200/400 V
Speed	1755 & 1460 rpm	Service Factor	1.15 & 1.15
Frame	112M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	14/7 & 12.6/6.3 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6306	Opp Drive End Bearing Size	6306
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

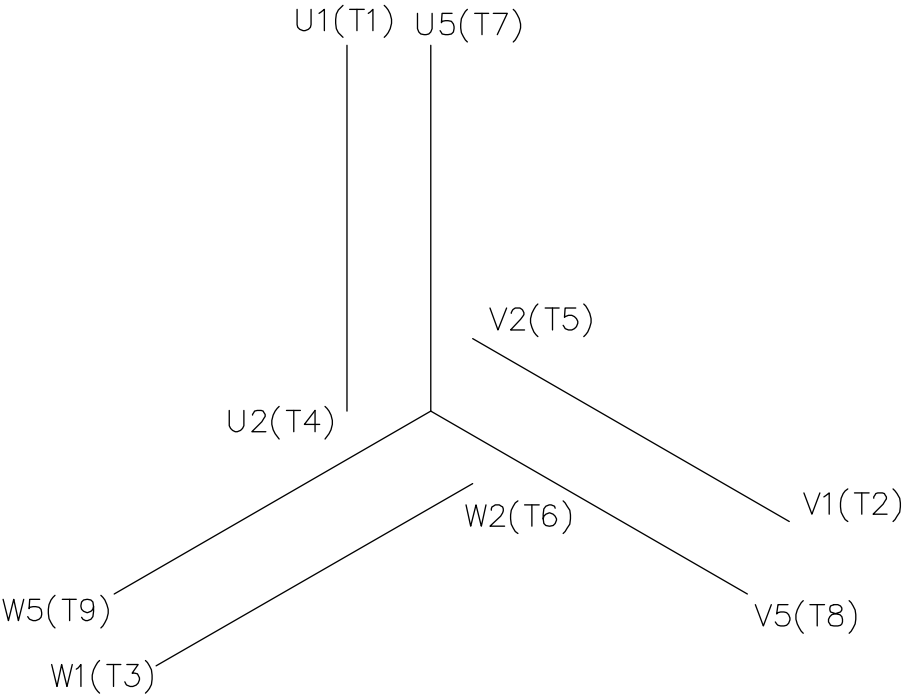
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.754 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	16.14 in
Shaft Diameter	1.125 in	Shaft Extension	2.36 in
Assembly/Box Mounting	F3		
Outline Drawing	SS622369	Connection Drawing	005465.01



DRAWING NOT TO SCALE

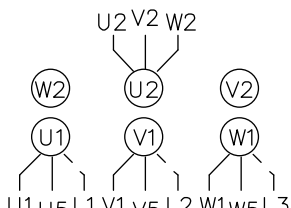
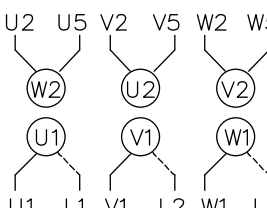
PART NO.	FRAME	L
193364.60	C20-112MC-2	410
193365.60	C20-112MC-4	
193360.60	C20-112MC1-6	468

TOLERANCES UNLESS SPECIFIED		DEC. INCHES		TITLE		DRAWN MOL 04-12-2012	
.X	±.1	.XX	±.03	REGAL-BELOIT CORPORATION	CHK MOL 04-12-2012	APPD SB 04-12-2012	SCALE 1=5
.XXX	±.005	.XXXX	±.0005	IEC 112MC-2,4,6-C'FACE-TEFC	REF	FMF	PREV
.XXXX	±.0005	MAT'L	FINISH				
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	RFP	CAD FILE
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				SS622369		SIZE B	DRAWING NO. SS622369
				DIST		REV.	

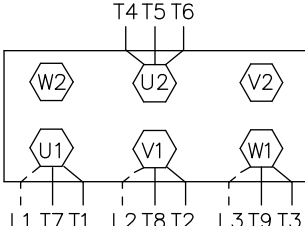
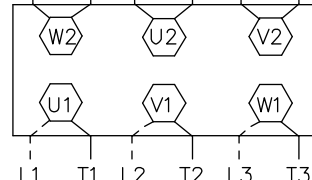



REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS

LOW VOLTAGE			HIGH VOLTAGE			
						
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

LOW VOLTAGE			HIGH VOLTAGE			
						
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					SCALE 1=1	
				.XXX	±.005					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

Data Sheet

Date: 1/30/2018

193365.60



Data @ 460 V

Motor Load Data

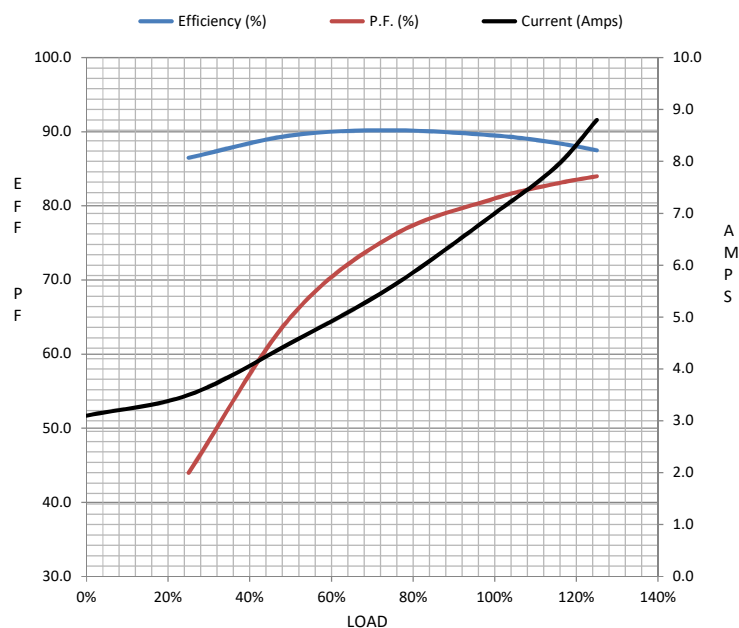
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	3.1	3.5	4.5	5.6	7.0	7.9	8.8	51.0	
Torque (ft-lb)	0.00	4.0	8.2	12.3	16.5	19.2	20.8	34.5	
RPM	1800	1790	1780	1765	1755	1745	1738	0	
Efficiency (%)		86.5	89.5	90.2	89.5	88.5	87.5		
P.F. (%)	5.5	44.0	65.0	76.0	81.0	83.0	84.0	43.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1550	1755	1800
Current (Amps)	51.0	48.0	30.5	7.0	3.1
Torque (ft-lb)	34.5	30.0	51.0	16.5	0.00

Information Block

HP	5.5			
Sync. RPM	1800			
Frame	112			
Enclosure	TEFC			
Construction	TFC			
Voltage	230/460#200/400	V		
Frequency	60	Hz		
Design	A			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	55	° C		
Duty	CONT			
Ambient	40	° C		
Elevation	1,000	feet		
Rotor/Shaft wk²	0.00	Lb-Ft²		
Ref Wdg	T08704015 NONE			
Sound Pressure @ 1M	65	dBA		
VFD Rating	CONSTANT 10:1			
Outline Dwg	SS622369			
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

