

# PRODUCT INFORMATION PACKET



Model No: 193379.60

Catalog No: 193379.60

LEESON® PASSPORT 3 HP General Purpose, 3 phase, 1800 RPM, 575 V, 100L Frame, TEFC



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E



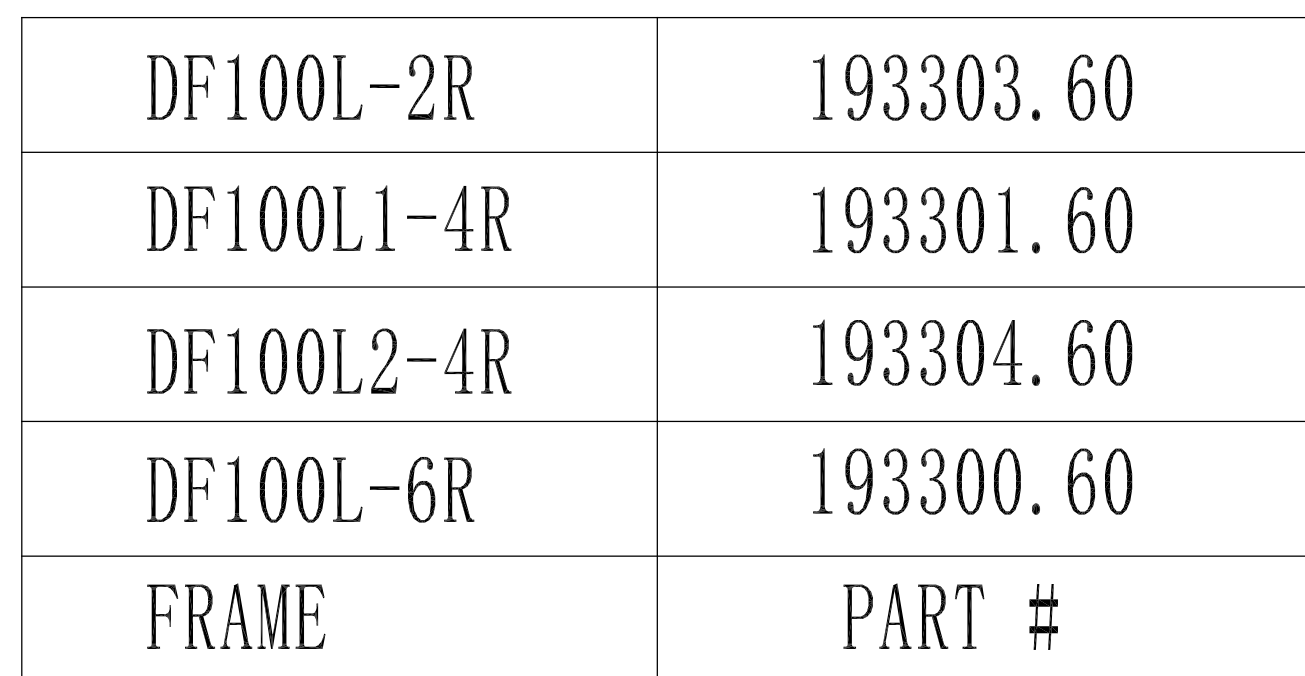



## Nameplate Specifications

Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	575 V
Speed	1770 rpm	Service Factor	1.15
Frame	100L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.2 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	3.2 A	Power Factor	79.2
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

## Technical Specifications

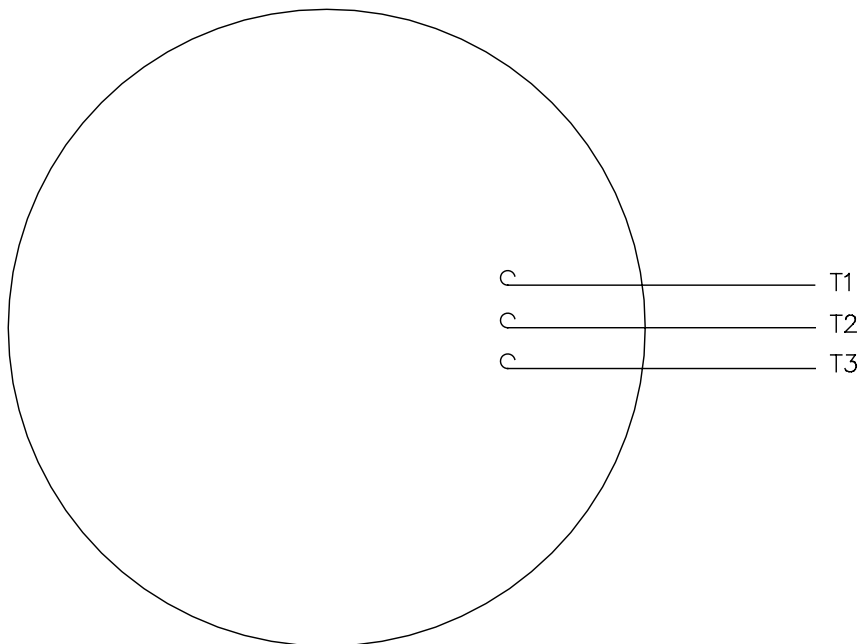
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	IEC
Overall Length	16.34 in	Shaft Diameter	1.125 in
Shaft Extension	2.36 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 10:1		
Connection Drawing	005102.01	Outline Drawing	B-SS622236



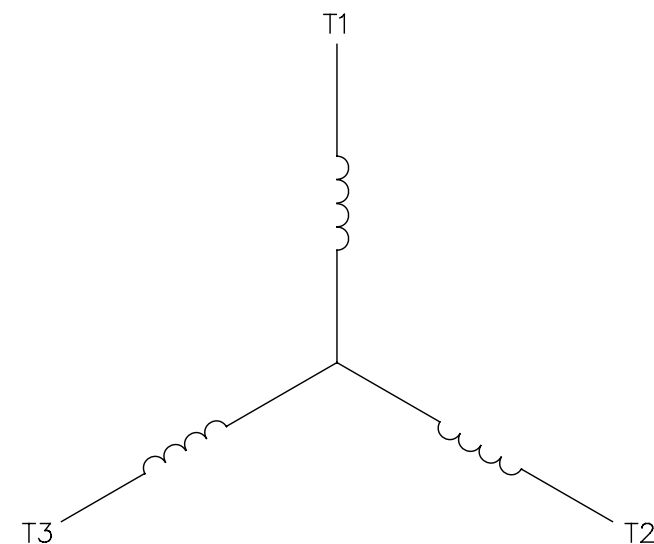
				TOLERANCES UNLESS SPECIFIED		 Regal-Beloit Corporation	DRAWN				
				DEC.	INCHES		CHK				
				.X	±.1		APPD				
				.XX	±.03		TITLE	OUTLINE	SCALE		
				.XXX	±.005				REF		
				.XXXX	±.0005	MAT'L.	FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH		PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY 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			SIZE	DRAWING NO.		REV.
			DIST					B	SS622236		

005102-01


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS

CONNECT LEADS AS FOLLOWS  
FOR FOUR CONDUCTOR CORD ( )

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED		 <b>Regal Beloit America, Inc.</b>			DRAWN		JRW 9/11/75				
				DEC.	INCHES				CHK						
				.X	±.1				APPD		JCW 9/11/75				
08	UPDATED TO REGAL LOGO		SAJ 06/26/15	AJY	.XX	±.01	TITLE			EXTERNAL WIRING DIAGRAM			SCALE	1=1	
07	UPDATED TO CURRENT STANDARDS		DBT 5/30/97		.XXX	±.005				TYPE "T" W/O PROTECTOR			REF	W-T6343-6	
06	REDRAWN ON CAD; ADDED DECAL NUMBER		SAW 1/24/95		.XXXX	±.0005	MAT'L.			DECAL - 004169			FMF	6T17FB7	
NO.	REVISION		BY & DATE	CHK	ANG	±1/2"	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	5/1/02		CAD FILE		00510201		SIZE	DRAWING NO.		REV.	
				DIST	BRF-NLV				A	005102-01		08			



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

**CATALOG #:** 193379.60

**CONN. DIAGRAM:** 005102.01

**OUTLINE:** B-SS622236

**MOUNTING:** F3

**WINDING #:** T08704010 4

**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3	2.24	1800	1770	100L	TEFC	J	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	575	3.2	LINE OR INVERTER	CONTINUOUS	F5	1.15	40

<b>FULL LOAD EFF:</b>	90.2	<b>3/4 LOAD EFF:</b>	89.5	<b>1/2 LOAD EFF:</b>	88.5	<b>GTD. EFF</b>		<b>ELEC. TYPE</b>
<b>FULL LOAD PF:</b>	79.2	<b>3/4 LOAD PF:</b>	73.5	<b>1/2 LOAD PF:</b>	62	89.5		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
8.9 LB-FT	23.5	19.5 LB-FT 218 %	32.7 LB-FT 367 %	25

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0.335 LB-FT^2	0.3 LB-FT^2	15 SEC.	2	- LBS.

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL						
6206	6206	POLYREX EM	STANDARD IEC	NONE	NONE	AISI 1045 (C-240)	CAST IRON

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

\*

N

O

T

E

**INVERTER TORQUE:** CONSTANT 10:1  
**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 NO BRAKE Hz

## Data Sheet

Date: 1/22/2018

193379.60



Data @ 575 V

## Motor Load Data

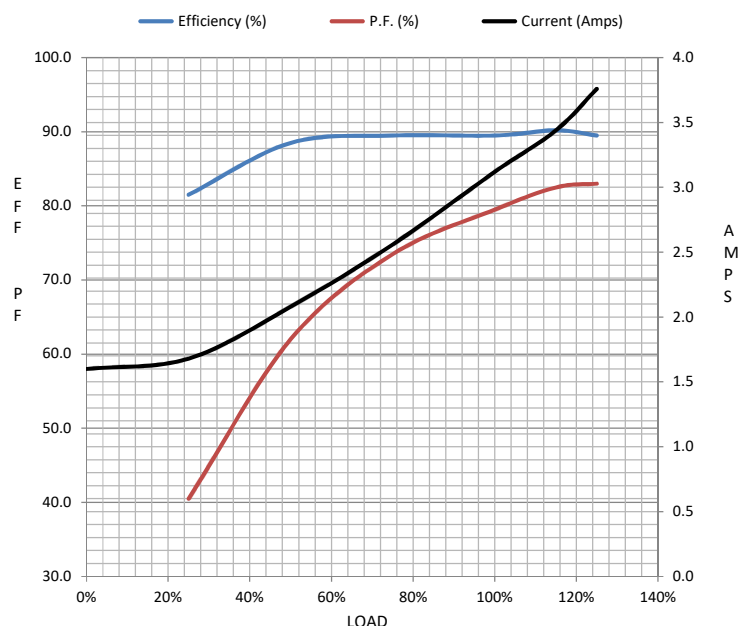
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.60	1.68	2.08	2.56	3.1	3.4	3.8	23.5	
Torque (ft-lb)	0.00	2.20	4.4	6.7	8.9	10.3	11.2	19.5	
RPM	1800	1795	1785	1775	1770	1.765	1760	0	
Efficiency (%)		81.5	88.5	89.5	89.5	90.2	89.5		
P.F. (%)	7.5	40.5	62.0	73.5	79.5	82.5	83.0	36.0	

## Motor Speed Data

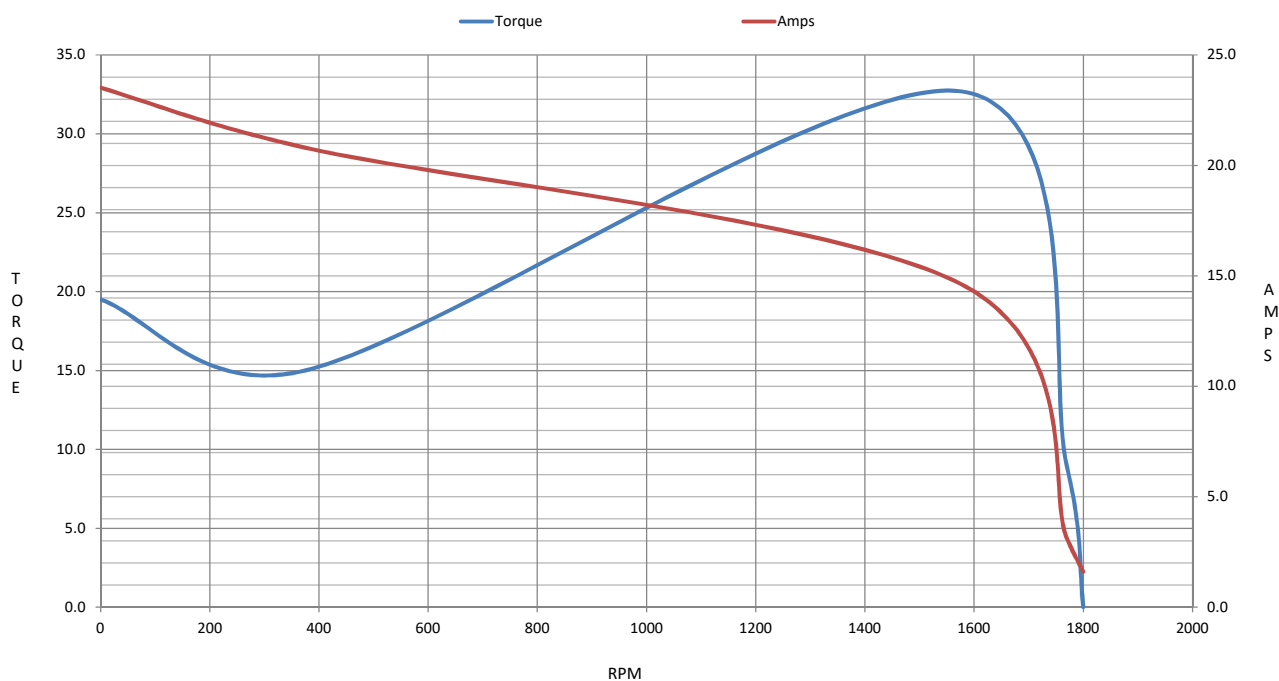
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	375	1575	1770	1800
Current (Amps)	23.5	20.8	14.6	3.1	1.60
Torque (ft-lb)	19.5	15.0	32.7	8.9	0.00

## Information Block

HP	3.0			
Sync. RPM	1800			
Frame	182			
Enclosure	TEFC			
Construction	TFC			
Voltage	575 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	28 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk²	0.34 Lb-Ft²			
Ref Wdg	T08704010 NONE			
Sound Pressure @ 1M	999 dBA			
VFD Rating	CONSTANT 10:1			
Outline Dwg	B-SS622236			
Conn. Diag	005102.01			
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



## EC Declaration of Conformity

The undersigned representing  
the manufacturer:

Regal Beloit America  
100 East Randolph St.  
Wausau, WI 54401

and the authorized representative  
established within the Community:

Marathon Electric UK  
6F Thistleton Road Ind. Estate  
Market Overton  
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 193379.60

(Model No. may contain prefix and/or suffix characters)

Catalog No : 193379.60

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon  
Vice President, Technology

Authorized Representative in the Community:



Julian Clark  
Marketing Engineer

Created on 09/01/2022

**CE 22**