PRODUCT INFORMATION PACKET



Model No: 193353.60

Catalog No: 193353.60

EESON® PASSPORT 20HP-15kW..1180RPM.DF180LD.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.B3/B5.......

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Nameplate Specifications

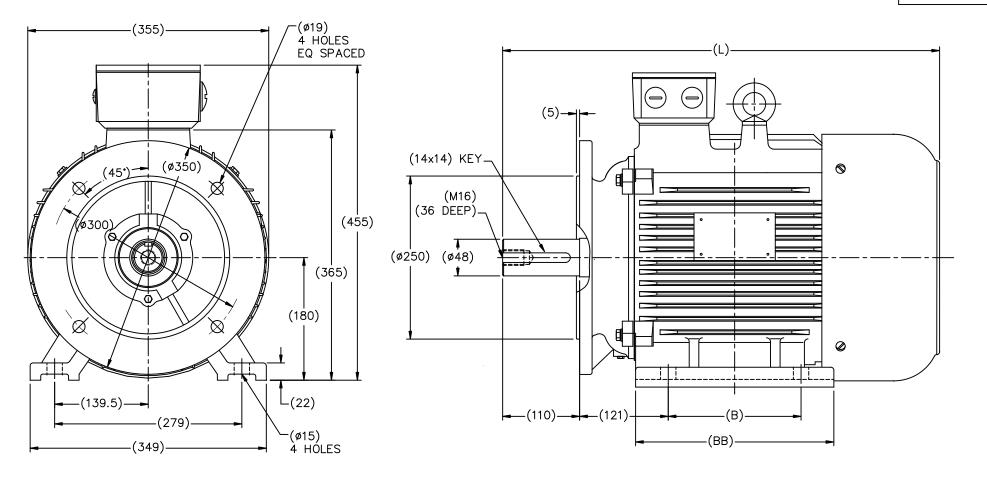
Phase	3	Output HP	20 & 15 Hp		
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 200/400 V		
Speed	1185 & 985 rpm	Service Factor	1.15 & 1.15		
Frame	180L	Enclosure	Totally Enclosed Fan Cooled		
Thermal Protection	No Protection	Efficiency	92.4 & 91 %		
Ambient Temperature	40 °C	Frequency	60 & 50 Hz		
Current	53.5/26.8 & 50/25 A	Power Factor	75		
Duty	Continuous	Insulation Class	F		
Design Code	В	KVA Code	G		
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6311		
UL	Recognized	CSA	Υ		
CE	Υ	IP Code	55		
Number of Speeds	1				

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	6	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	26.77 in	Shaft Diameter	1.875 in
Shaft Extension	4.33 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 10:1		
Connection Drawing	004172.01	Outline Drawing	B-SS622264

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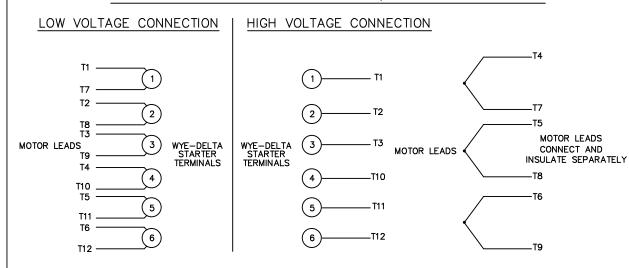
Cat.No	FRAME	В	BB	L
193356.60	DF180MD-2R	241	311	680
193355.60	DF180MD-4R	241	311	680
193357.60	DF180LD-4R	279	349	718
193353.60	DF180LD-6R	279	349	718

(MAY NOT	BE	DRAWN	TO	SCALE)	
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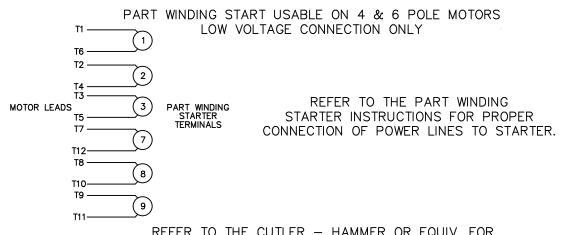
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					UNLES	ERANCES S SPECIFIED			DRAWN HLB 12-0		7-2010
					DEC.	METRIC	REGAL REGAL-BELOIT	CORPORATION	СНК	DJK 12-1	7-2010
					.x	±2.5				SB 12-1	8-2010
					.xx	±.76	TITLE OUTLINE		SCALE	1=1	18
Γ					.xxx	±.127	DF180MD,LD-2,4,6R		REF		
Γ					.xxxx	±.0127	MAT'L.		FMF	HEB	BEI
Γ	١٥.	REVISION	BY & DATE	СНК	ANG	±7'30"	FINISH		PREV		
Γ	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT				12-	-22-2010	CAD FILE SS622264	SIZE DRAWING NO			REV.
		IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION A THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE	DIST				B SS6	3222	64		

WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.



REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.



110 011	J 111L 001L		1 17 VIALIAI PLA		14. 1 011
PROPER	SELECTION	OF	OVERLOAD	HEATER	COILS.
					TOLERANG

				UNLES	ERANCES S SPECIFIED				LECTRIC	MO.	TORS	DRAWN	WLW 09/0	8/77
				DEC.	INCHES		112	[[•]	GEARM			снк	RPB 09/12	/77
				.x	±.1				AND [DRIVE	ES	APPD	JCW 09/12	2/77
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00		.xx	±.01	TITLE	DELTA -	WYE (CONNECTION	DIA	GRAM	SCALE	1=1	
02	ADDED T-STAT. NOTES PER ELECTRICAL	KMM 06/02/98		.xxx	±.005							REF		
01	REDRAWN TO CAD	DBT 06/02/97		.xxxx	±.0005	MAT'L.						FMF		
NO.	REVISION	BY & DATE	снк	ANG	±1/2°	FINISH						PREV		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT					CAD FILE	00	0417201		SIZE	DRAWING NO			REV.
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT				DIST						004	172-	-01	03

ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

• RED LEADS OR P1, P2, FOR N/C THERMOSTAT

ACROSS THE LINE START & RUN												
	LINE 1	LINE 2	LINE 3	JOIN & INSULATE SEPARATELY								
HIGH VOLT	T1,T12	T2,T10	T3,T11	(T4,T7) (T5,T8) (T6,T9)								
LOW VOLT	T1,T6 T7,T12	T2,T4 T8,T10	T3,T5 T9,T11									



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 004172.01 **CATALOG #:** 193353.60

OUTLINE: B-SS622264 MOUNTING: F3

WINDING #: T14506013 FR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN	
20&15	14.9&11.2	1200	1185&985	180L	TEFC	G	В	

PI	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	амв°С
3	60/50	230/460&200/400	53.5/26.8&50/25	Y START D RUN OR INV	CONTINUOUS	F5	1.15/1.15	40

FULL LOAD EFF:	92.4&91	3/4 LOAD EFF:	92.4	1/2 LOAD EFF:	91	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	75&69	3/4 LOAD PF:	70	1/2 LOAD PF:	59.2	91	SQ CAGE INV RATED

F.L. TORQUE LOCKED ROTOR AMPS		L	.R. TORÇ	UE		B.D. TORG	F.L. RISE°C	
88 LB-FT	290 / 145	142	LB-FT	160 %	230	LB-FT	260 %	50

SOUND PRESSURE @ 3 FT.		SOUND POWER		ROTOR WK^2		MAX, WK^2		SAFE STALL TIME		STARTS / HOUR	APP MOTO	ROX. R WGT
55.5	dBA	65.5	dBA	6.64	LB-FT^2	6.6	LB-FT^2	15	SEC.	2	400	LBS.

*** SUPPLEMENTAL INFORMATION ***

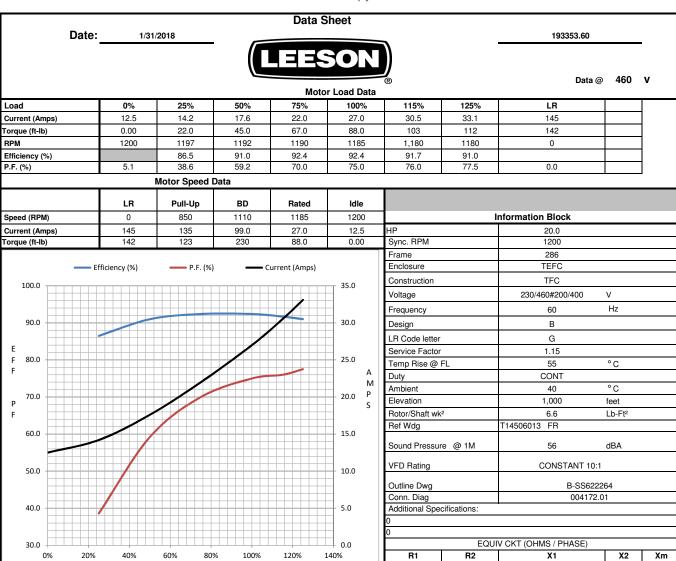
DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE ORIENTATION		SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
FF-FLANGE- 300	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	NONE	FALSE	NONE	BLUE (ENAMEL)

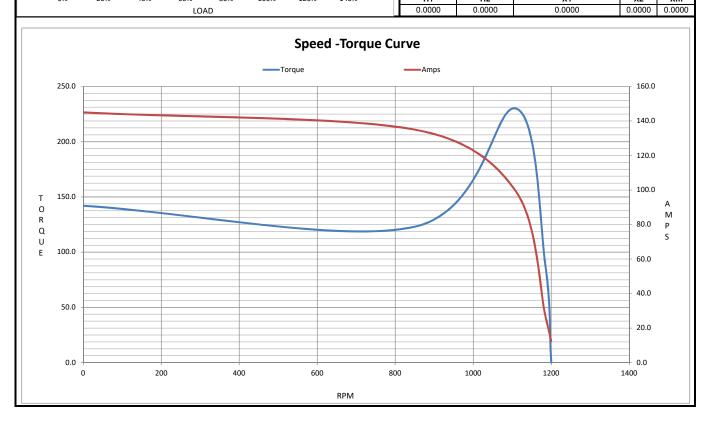
BEARINGS		GREASE	CHAFT TVDE	CDECIAL DE	SPECIAL ODE	SHAFT	FRAME	
DE	ODE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	MATERIAL	MATERIAL	
BALL	BALL	POLYREX EM	CTANDARD IEC	NONE	NONE	AICI 104E (C 240)	CAST IDON	
6311	6311	POLTREX EM	STANDARD IEC	NONE	NONE	AISI 1045 (C - 240)	CAST IRON	

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

*	INVERTER TORQUE: CONSTANT 10:1 INV. HP SPEED RANGE: NONE
N	ENCODER: NONE
0	NONE NONE PPR
Т	BRAKE: NONE NONE
E	NONE P/N NONE NONE NONE
-	NONE NONE V NO BRAKE HZ

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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: 193353.60

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

Catalog No : 193353.60

Rework No: N/A

Directives:

Low Voltage Directive 2014/35/EU

Harmonized Standards Used:

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

Michael A Logsdon

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

Authorized Representative:

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Authorized Representative in the Community:

J. cerse

Julian Clark Marketing Engineer

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