

PRODUCT INFORMATION PACKET



Model No: 140819.00

Catalog No: 140819.00

White Duck™ General Purpose Motor, 7.50 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, 213T Frame, TEFC



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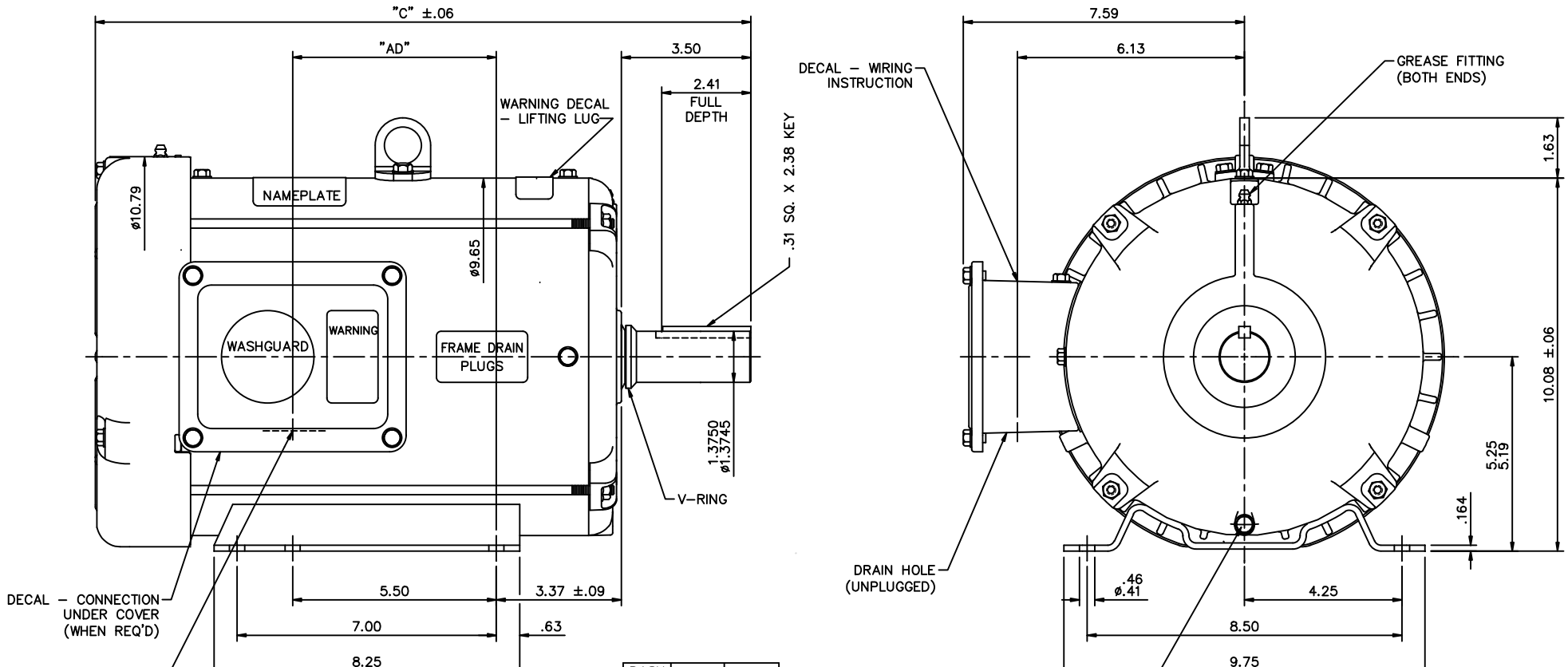


Nameplate Specifications

Phase	3	Output HP	7.50 & 7.50 Hp
Output KW	5.6 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	1765 & 1460 rpm	Service Factor	1.25 & 1.25
Frame	213T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	22.4-21.6/10.8 & 24.8/12.4 A	Power Factor	72
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6209	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 Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.88 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	18.71 in
Frame Length	12.00 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	037620-1200



DASH NO.	"C"	"AD"
1050	17.21	5.00
1100	17.71	5.50
1150	18.21	6.00
1200	18.71	6.50
1250	19.21	7.00
1300	19.71	7.50
1350	20.21	8.00
1400	20.71	8.50

WASHGUARD DUTY MOTOR
SPECIAL FEATURES:

- 1) BUNA-N GASKETS THROUGHOUT
- 2) SHAFT SEALS - BOTH ENDS OF MOTOR
- 3) V-RING AT SHAFT END OF MOTOR
- 4) STAINLESS STEEL SHAFT, NAMEPLATE & HARDWARE
- 5) FDA APPROVED EPOXY PAINT
- 6) PLUGGED DRAIN HOLES IN FRAME AT 3:00, 9:00 & 12:00
- 7) DRAIN HOLES IN CONDUIT BOX, PLUGGED IN TOP HOLE
- 8) DRAIN HOLES IN BOTH ENDBELLS AT 6:00

		TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RDW 4/6/05
		DEC.	INCHES			CHK
02	UPDATED PER ISAAC 10-0580	LST	5/11/10	.X	±.1	APPD SW 4/6/05
01	ADDED: WARNING DECAL - LIFTING LUG & WARNING DECAL - WITH/OUT PROTECTOR; REMOVED: DECAL - WIRING INSTRUCTION, NAMEPLATE -was- TV SCREEN STYLE(004142.01)	KVN	4/13/2010	.XX	±.03	SCALE 3=8
				.XXX	±.005	REF
				.XXXX	±.0005	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	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	4/6/05	CAD FILE
					037620	SIZE B
						DRAWING NO. 037620
						REV. 02

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		REF FIG.2-51		
A UPDATED TO REGAL LOGO				SAJ 06/26/15	AJY .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	04/12/02	CAD FILE		SIZE	DRAWING NO.	REV.
				DIST BRF-NLV		00501001	A	005010-01	A	

Data Sheet

Date: 1/31/2018

140819.00



Data @ **460 V**

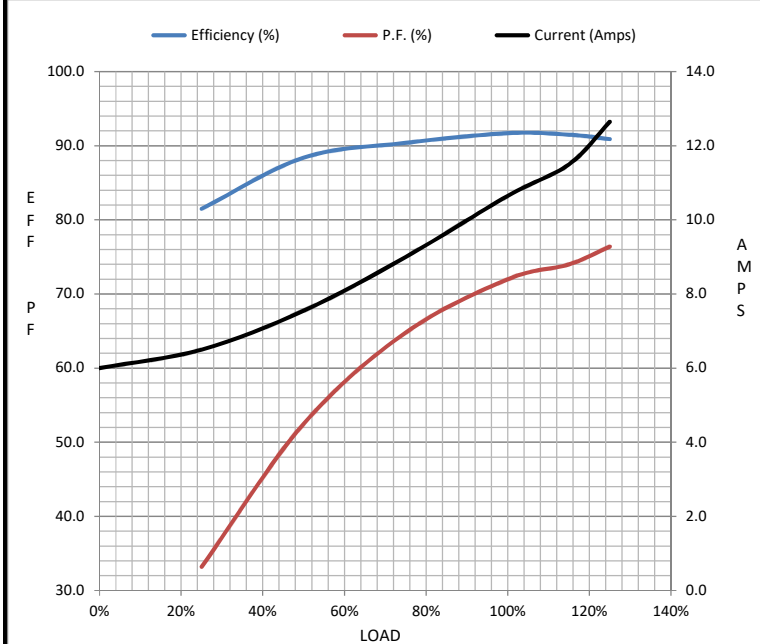
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	6.0	6.5	7.6	9.0	10.7	11.5	12.7	73.0
Torque (ft-lb)	0.00	5.5	11.0	16.6	22.3	24.5	27.9	50.0
RPM	1800	1794	1787	1780	1770	1.768	1765	0
Efficiency (%)		81.5	88.4	90.4	91.7	91.5	90.9	
P.F. (%)	6.2	33.2	52.5	64.8	72.0	74.0	76.4	0.0

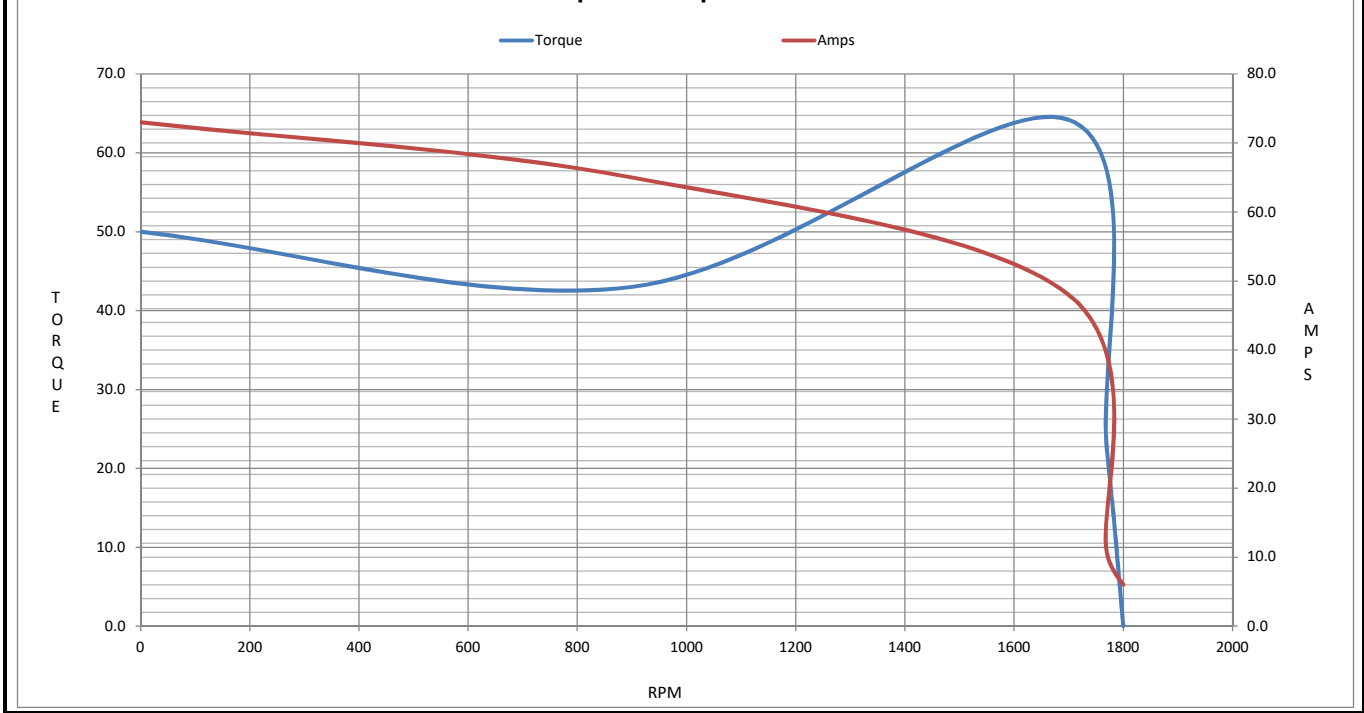
Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1700	1770	1800
Current (Amps)	73.0	65.0	48.0	10.7	6.0
Torque (ft-lb)	50.0	43.0	64.2	22.3	0.00

Information Block				
HP	7.5			
Sync. RPM	1800			
Frame	210			
Enclosure	TEFC			
Construction	TFW			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	43 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.97 Lb-Ft ²			
Ref Wdg	T9495 FR			
Sound Pressure @ 1M	60 dBA			
VFD Rating	NONE			
Outline Dwg	037620-1200			
Conn. Diag	005010.01			
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 : 140819.00

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

Catalog No : 140819.00

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