

PRODUCT INFORMATION PACKET



Model No: 116698.00

Catalog No: 116698.00

Jet Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 56J Frame, DP

Operational at 208-230/460 V @60HZ



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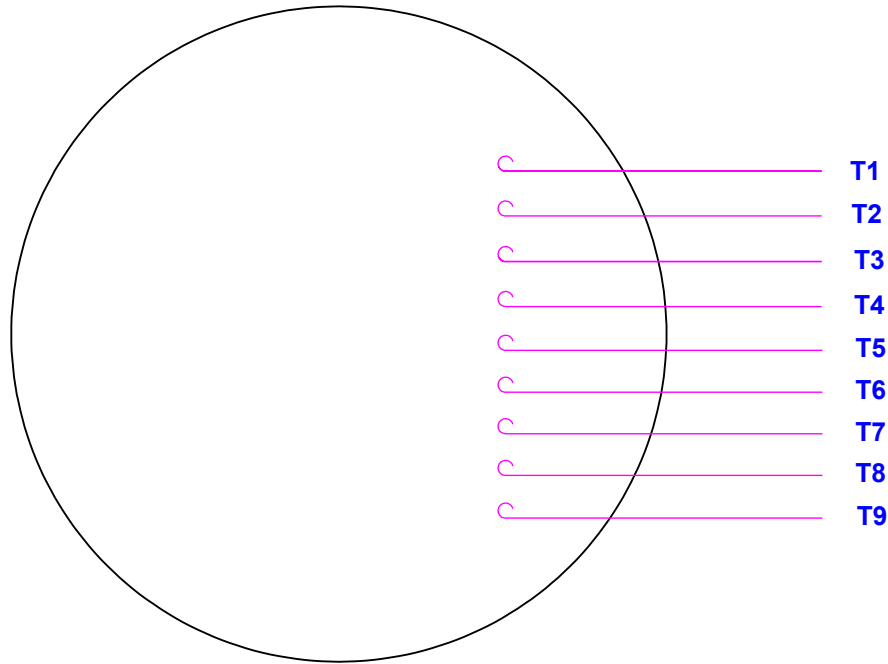
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3490 & 2890 rpm	Service Factor	1.15 & 1.15
Frame	56J	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	85.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 9.4/4.7 A	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	L
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

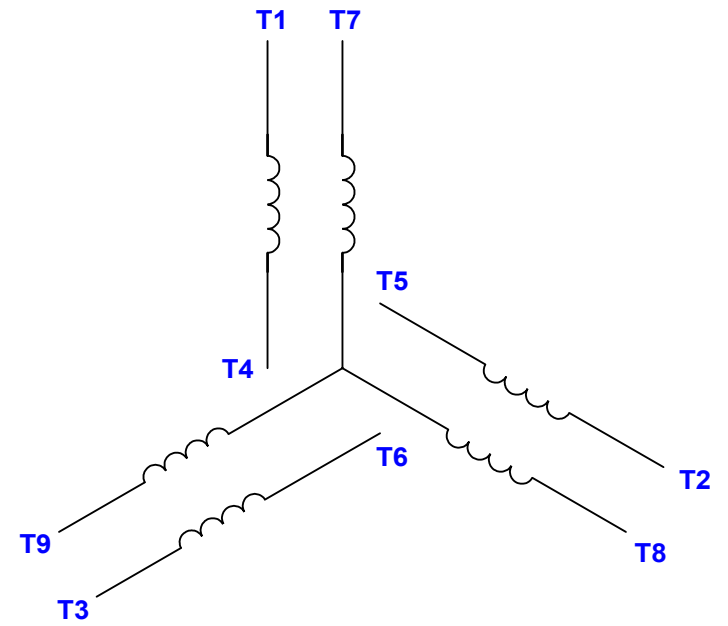
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.1 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	J	Overall Length	13.68 in
Frame Length	8.50 in	Shaft Diameter	0.625 in
Shaft Extension	2.44 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	028724-850

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

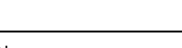


LINE LEADS



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

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				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RDW 04/12/02		
				DEC	INCHES		CHK		
				.X	±.1		APPR		
12	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	SCALE	1:1	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXX	±.005		REF	FIG. 2-51	
11	ADD REV TO MATCH ORACLE	KJH 06/08/09	MDN	.XXXX	±.0005	MAT'L DECAL - 004014	FMF		
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE	OF	
THIRD ANGLE PROJECTION 			RFP	04/12/02		PREV	SIZE A	DRAWING NO 005010-01	REV 12
			NETWORK FILE NAME 00501001						

Data Sheet

Date: 1/30/2018

116698.00



Data @ 460 V

Motor Load Data

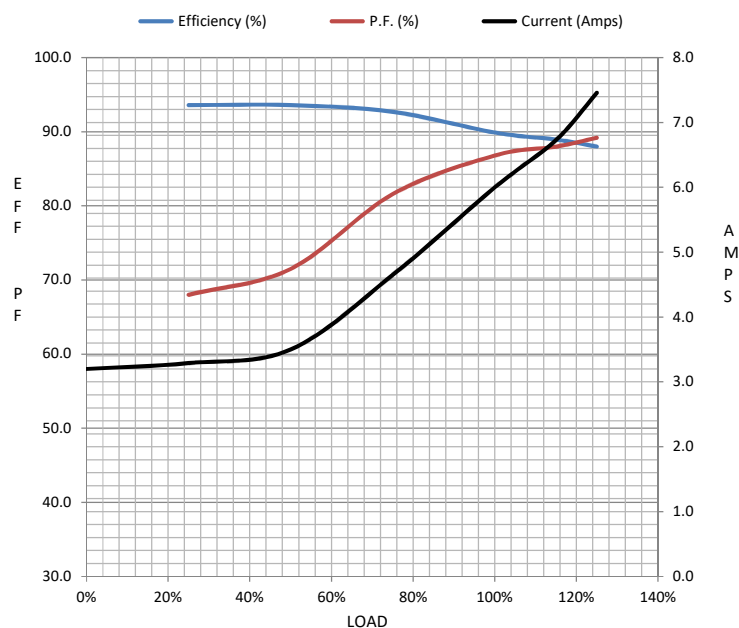
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	3.2	3.3	3.5	4.7	6.0	6.7	7.5	59.0	
Torque (ft-lb)	0.00	3.3	3.7	3.4	7.5	8.5	9.5	25.0	
RPM	3600	3557	3551	3522	3488	3,474	3454	0	
Efficiency (%)		93.6	93.6	92.7	89.9	89.0	88.0		
P.F. (%)	5.6	68.0	71.5	81.6	86.8	88.0	89.2	0.0	

Motor Speed Data

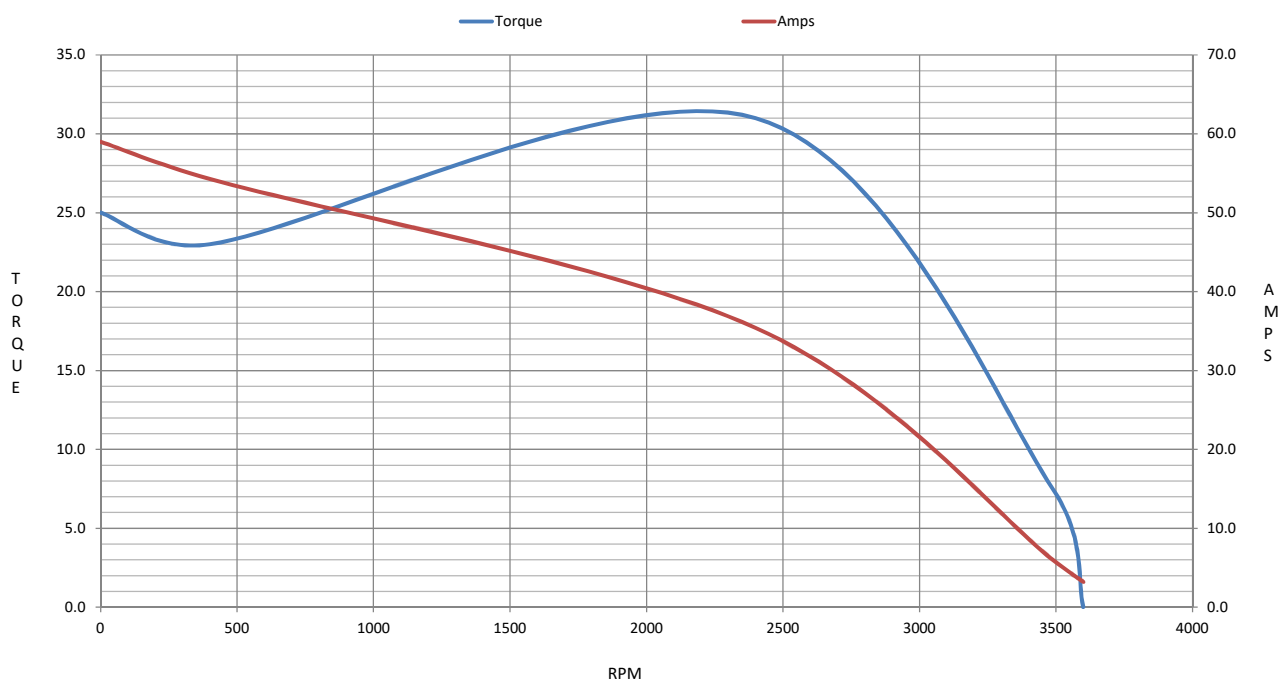
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	400	2400	3488	3600
Current (Amps)	59.0	54.3	35.4	6.0	3.2
Torque (ft-lb)	25.0	23.0	31.0	7.5	0.00

Information Block

HP	5.0			
Sync. RPM	3600			
Frame	140			
Enclosure	DP			
Construction	NA			
Voltage	230/460#190/380	V		
Frequency	60	Hz		
Design	A			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	60	° C		
Duty	CONT			
Ambient	40	° C		
Elevation	1,000	feet		
Rotor/Shaft wk²	0.07	Lb-Ft²		
Ref Wdg	T632199 NONE			
Sound Pressure @ 1M	0	dBa		
VFD Rating	NONE			
Outline Dwg	028724-850			
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
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

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 : 116698.00

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

Catalog No : 116698.00

Rework No : N/A

Directives :

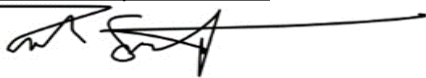
Low Voltage Directive 2014/35/EU

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:



Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

CE 25