

PRODUCT INFORMATION PACKET



Model No: 191508.00

Catalog No: 191508.00

SST Duck™ General Purpose Motor, 0.75 HP, 3 Ph, 60 Hz, 208-230/460 V, 1800 RPM, 56C Frame, TEFC

Operational at 208-230/460 V @60HZ



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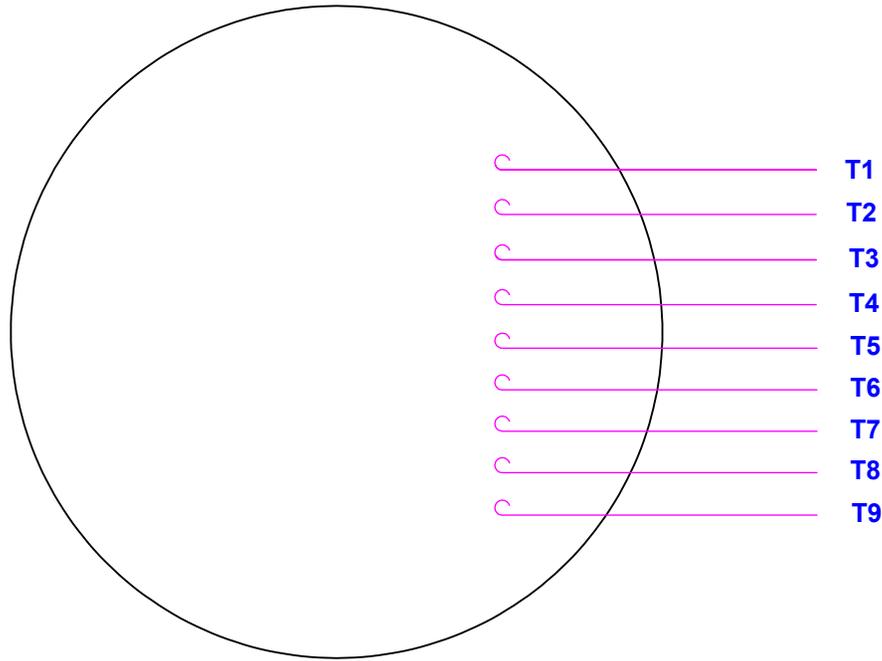
Nameplate Specifications

Phase	3	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	208-230/460 V
Speed	1740 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	82.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.4-2.3/1.2 A	Power Factor	73
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

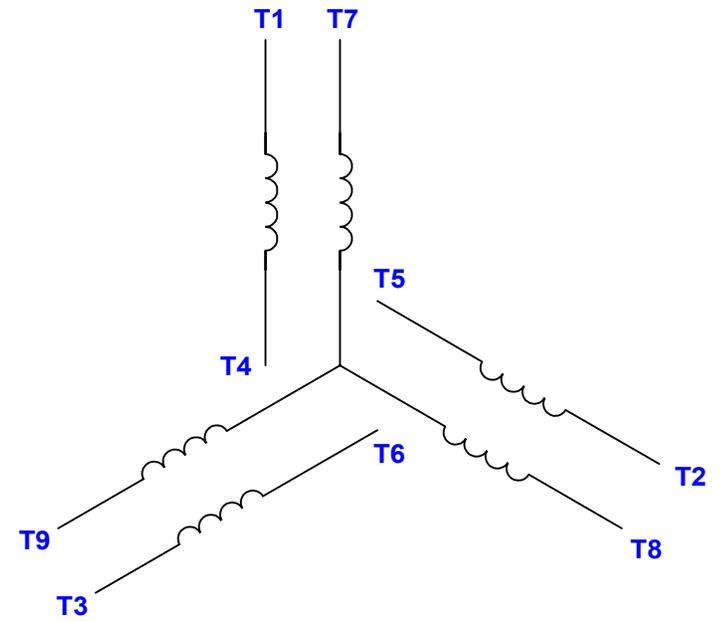
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	17.8 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	11.20 in
Frame Length	5.49 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	N/A	Connection Drawing	005010.01

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		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	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXX	±.005	3 PHASE W/O PROTECTOR	
11	ADD REV TO MATCH ORACLE	KJH 06/08/09	MDN	.XXX	±.0005	MAT'L DECAL - 004014	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	
			RFP	04/12/02	PREV	SIZE	DRAWING NO
THIRD ANGLE PROJECTION			NETWORK FILE NAME		00501001	A	005010-01
							REV
							12

P.O. BOX 8003
 WAUSAU, WI 54401-8003
 PH. 715-675-3311



DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005010.01
 OUTLINE: N/A
 WINDING: QT6349

CAT #: 191508.00

FR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
0.75	0.56	1800	1752	56C	TEFC	NA	L	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	208-230/460#190/380	2.4-2.3/1.15&2/1	ACROSS THE LINE	CONT	F	1.15	40	3300

F.L. EFF	82.6	3/4 LD EFF	84.0	1/2 LD EFF	80.9	GTD EFF	ELECT. TYPE
F.L. PF	74.0	3/4 LD PF	63.1	1/2 LD PF	50.6	0.0	SQ CAGE IND RUN

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)
576 LB-FT	9.3	1,857 LB-FT 322%	2,610 LB-FT 453%	0

PRESSURE @ 3	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
0 dBA	9 dBA	-1.00 LB-FT²	0 LB-FT²	0 SEC.	0	0 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	NO	NONE	NO	NONE	NO PAINT

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE	POLYREX EM	T	NONE	NONE	303 STAINLESS (C-501)	STAINLESS STEEL
BALL	BALL						
6205	6205						

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0	0	0	0	0	0.080	ODE

* N O T E S *	INVERTER TORQUE: NONE	
	INV. HP SPEED RANGE: NONE	
	ENCODER: NONE	
	NONE	
	NONE NONE PPR	

DATE: 1/31/2018	BRAKE: NONE	
	NONE NONE	
	FT-LB: NA	NONE
	VOLTAGE: NONE	HZ:

UL: Y-(LEESON UL REC)

Data Sheet

Date: 1/31/2018

191508.00



Data @ 460 V

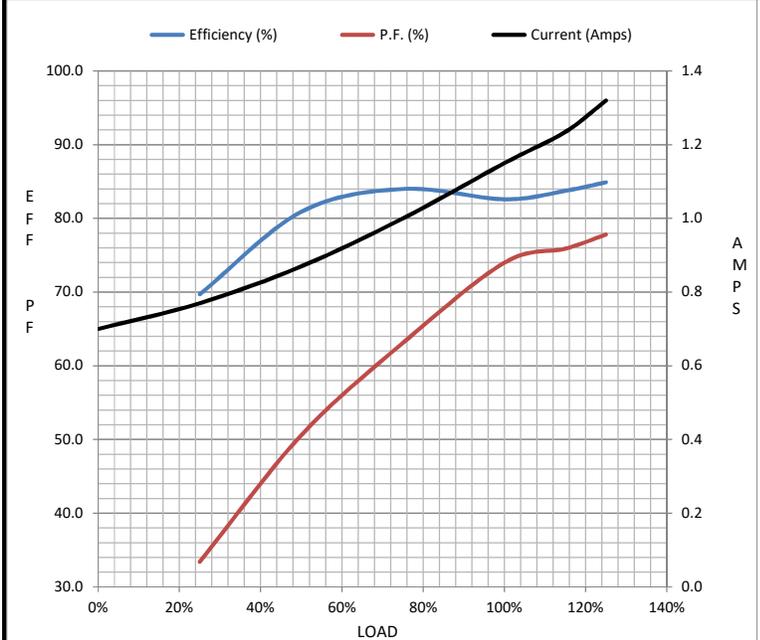
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.70	0.77	0.87	1.00	1.15	1.24	1.32	9.3
Torque (ft-lb)	0.00	144	288	432	576	10,384	721	1,857
RPM	1800	1787	1776	1763	1752	1,746	1738	0
Efficiency (%)		69.7	80.9	84.0	82.6	83.8	84.9	
P.F. (%)	14.0	33.4	50.6	63.1	74.0	75.9	77.8	0.0

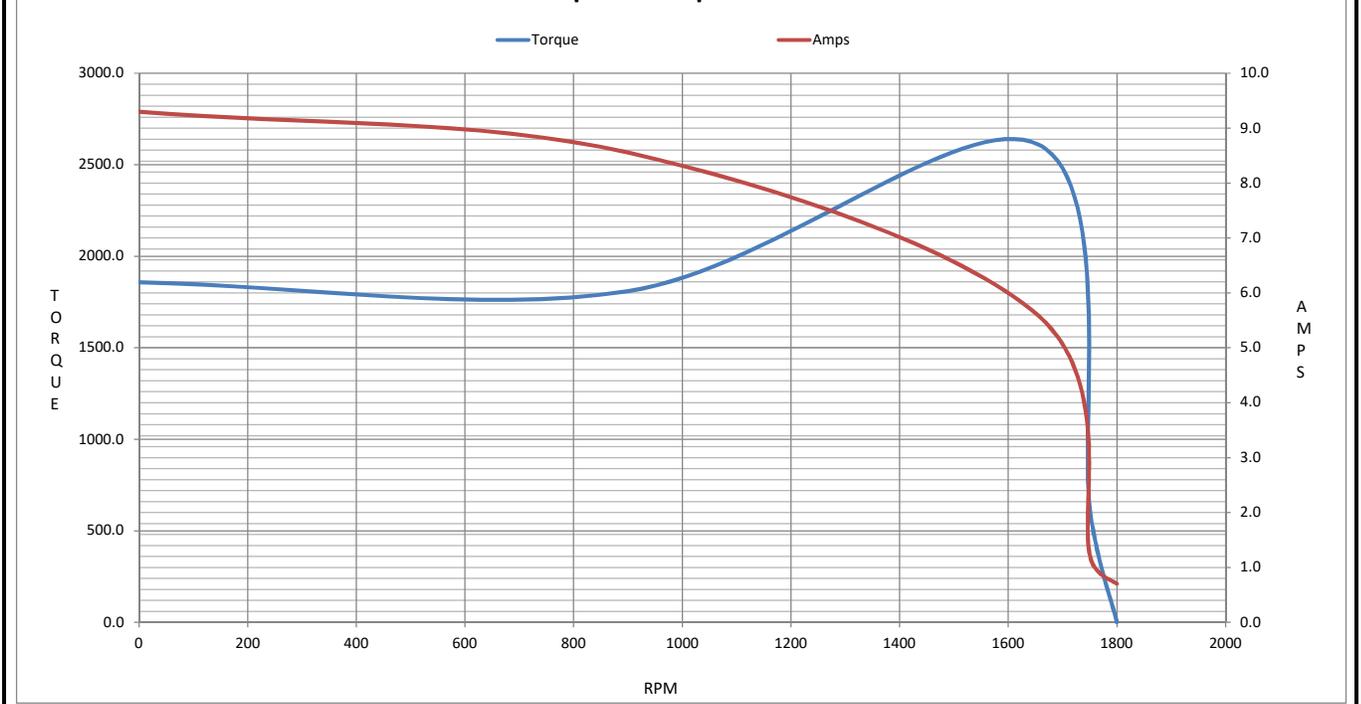
Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1752	1800
Current (Amps)	9.3	8.6	5.6	1.15	0.70
Torque (ft-lb)	1,857	1,809	2,610	576	0.00

Information Block				
HP	0.8			
Sync. RPM	1800			
Frame	56			
Enclosure	TEFC			
Construction	NA			
Voltage	208-230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	0 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	-1.00 Lb-Ft ²			
Ref Wdg	QT6349 FR			
Sound Pressure @ 1M	0 dBA			
VFD Rating	NONE			
Outline Dwg	N/A			
Conn. Dwg	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 : 191508.00

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

Catalog No : 191508.00

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

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