

PRODUCT INFORMATION PACKET



Model No: 191478.00

Catalog No: 191478.00

SST Duck™ General Purpose Motor, 1 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56C Frame, TEFC



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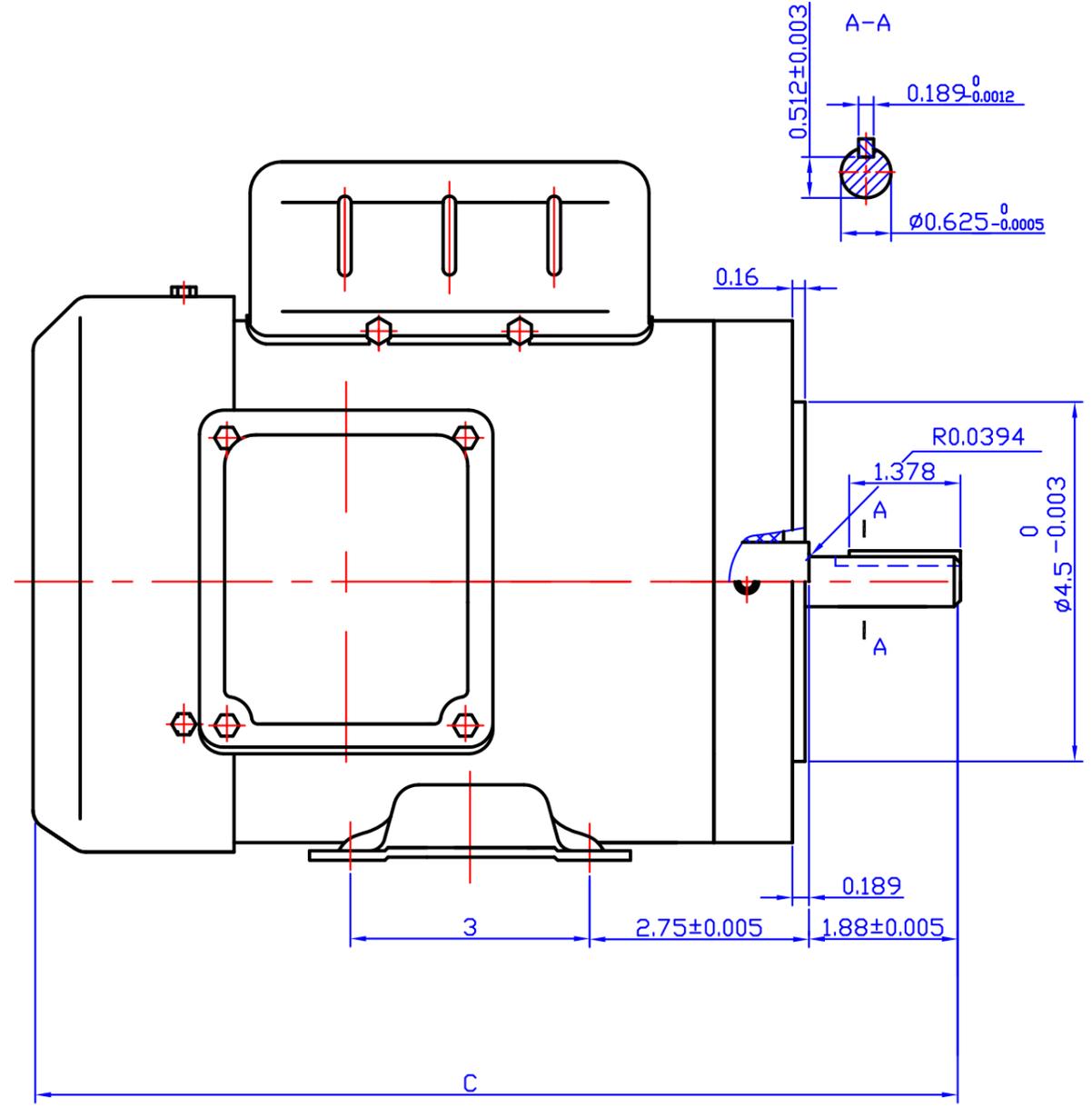
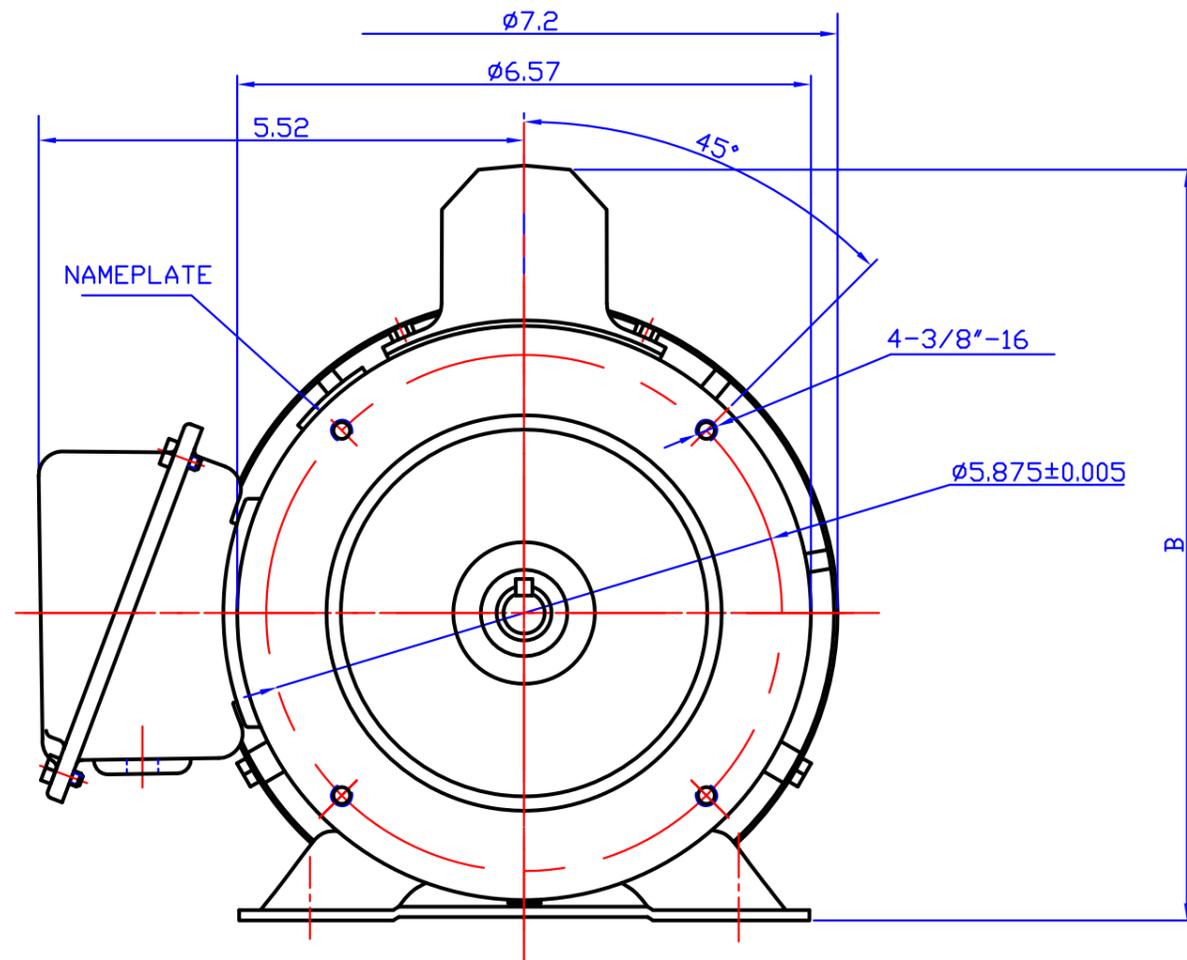
Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	70 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	12.4/6.2 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	2.674 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	11.10 in
Frame Length	6.12 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	039078	Connection Drawing	005005.01

REV	ECO	REV BY	DATE	APPD	DATE



CAT.NO	FRAME	PH	HP	Pole	RPM	Hz	Volt	thermal protector	C	B
191476.00	56C	1	3/4	2	3450	60	115/230	None	11.1	8.5
191478.00	56C	1	1	2	3450	60	115/230	None	11.8	8.9
191480.00	56C	1	1.5	2	3450	60	115/230	None	12.3	9.1

DR BY: _____

APPD: _____

FIRST ANGLE PROJECTION EDS DATE _____
 VERSION _____

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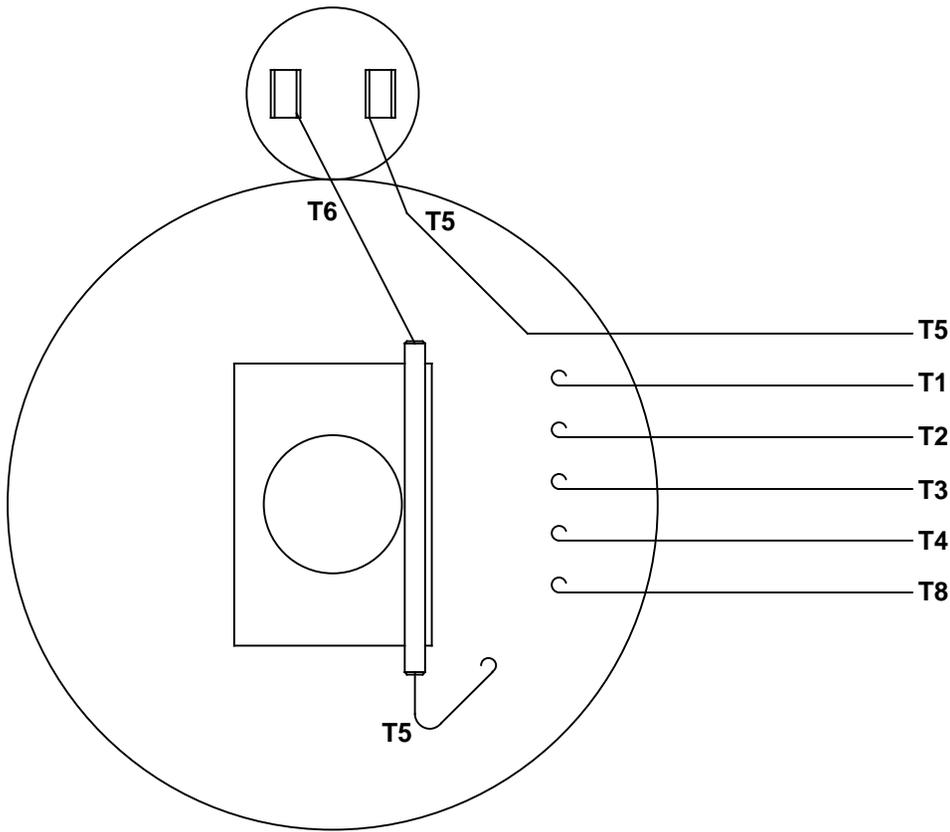


DESCRIPTION
 191476.00 191478.00 & 191480.00 OUTLINE

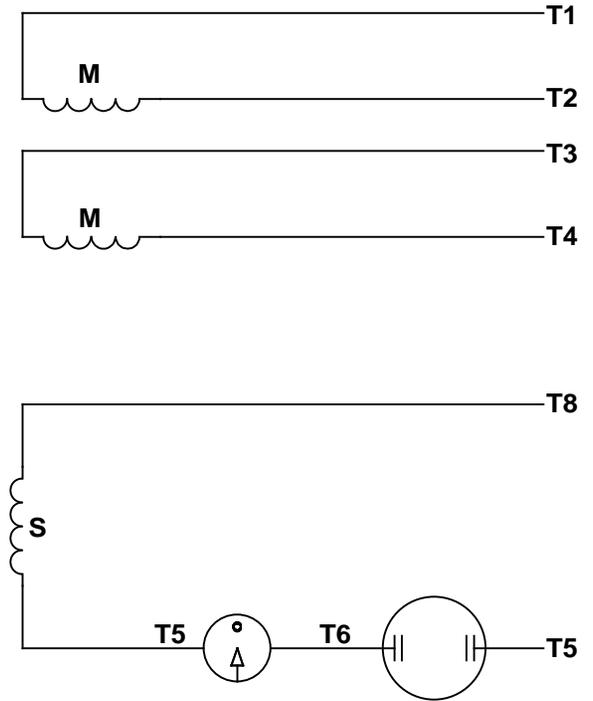
SIZE **A3** DWG NO **039078**

SCALE _____ SHEET _____

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4, T5	T2, T3, T8
	C.W.	T1	T4, T8	T2, T3, T5
LOW VOLT	C.C.W.	T1, T3, T8	T2, T4, T5	-----
	C.W.	T1, T3, T5	T2, T4, T8	-----

--	REDRAWN IN SOLIDWORKS	VJB 02/16/11	TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN ADH 08/06/73
27	UPDATED TO CURRENT STANDARDS	DBT 05/27/97	DEC	INCHES			CHK
26	ADDED PAGE 32 (114787) & PAGE 33 (114788)	KAZ 12/20/95	PG .X	±.1			APPR JCW 03/09/79
25	ADDED PAGE 31	KAZ 04/19/95	DL .XX	±.01	TITLE EXTERNAL WIRING DIAGRAM		SCALE 1:1
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL .XXX	±.005	TYPE "C" W/O PROTECTOR		REF FIG 2-23 C4A
23	ADDED PAGE 28	KMM 01/27/95	.XXXX	±.0005	MAT'L DECAL - 004012		FMF MGI-2.4B
NO	REVISION	BY & DATE	CHK ANG	±1/2°	FINISH		PAGE OF
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO	REV
			NETWORK FILE NAME 00500501		A	005005-01	--



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005005.01

CATALOG #: 191478.00

OUTLINE: 039078

MOUNTING: F1 ONLY

WINDING #: QC6329 FR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	0.75	3600	3450	56C	TEFC	K	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/230	12.4/6.2	ACROSS THE LINE	CONTINUOUS	F5	1.15	40

FULL LOAD EFF:	70	3/4 LOAD EFF:	69	1/2 LOAD EFF:	65	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	76	3/4 LOAD PF:	69.9	1/2 LOAD PF:	57.9	66		CAP START IND RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1.5 OZ-FT	71.2 / 35.6	4.36 OZ-FT 291 %	2.75 OZ-FT 183 %	105

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.058 LB-FT^2	0 LB-FT^2	10 SEC.	0	36 LBS.

***** SUPPLEMENTAL INFORMATION *****

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	STAINLESS STEEL
6203	6203						

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

*
N
O
T
E
S

INVERTER TORQUE: NONE
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 NONE Hz

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 : 191478.00

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

Catalog No : 191478.00

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