

PRODUCT INFORMATION PACKET



Model No: 191528.00

Catalog No: 191528.00

SST Duck™ General Purpose Motor, 1 & 0.75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1200 & 1000 RPM, 145TC Frame, TEFC

Operational at 208-230/460 V @60HZ



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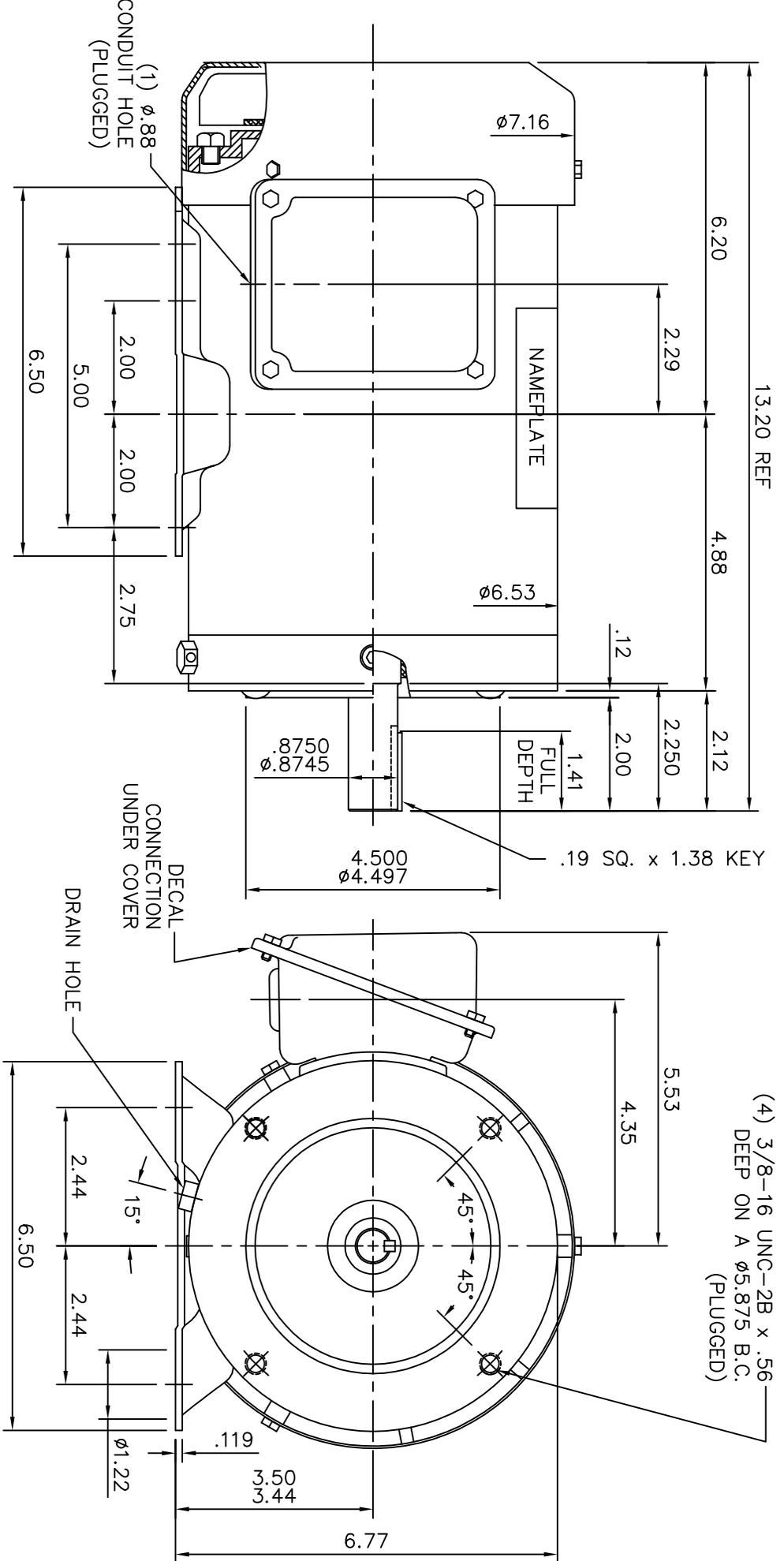


Nameplate Specifications

Phase	3	Output HP	1 & 0.75 Hp
Output KW	0.75 & 0.56 kW	Voltage	230/460 & 190/380 V
Speed	1150 & 960 rpm	Service Factor	1.15 & 1.15
Frame	145TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	82.5 & 82.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	3.8/1.9 & 3.4/1.7 A	Power Factor	60
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
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 Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	T	Overall Length	13.20 in
Frame Length	7.99 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	VARIABLE 10:1		
Outline Drawing	OL191528	Connection Drawing	005010.01

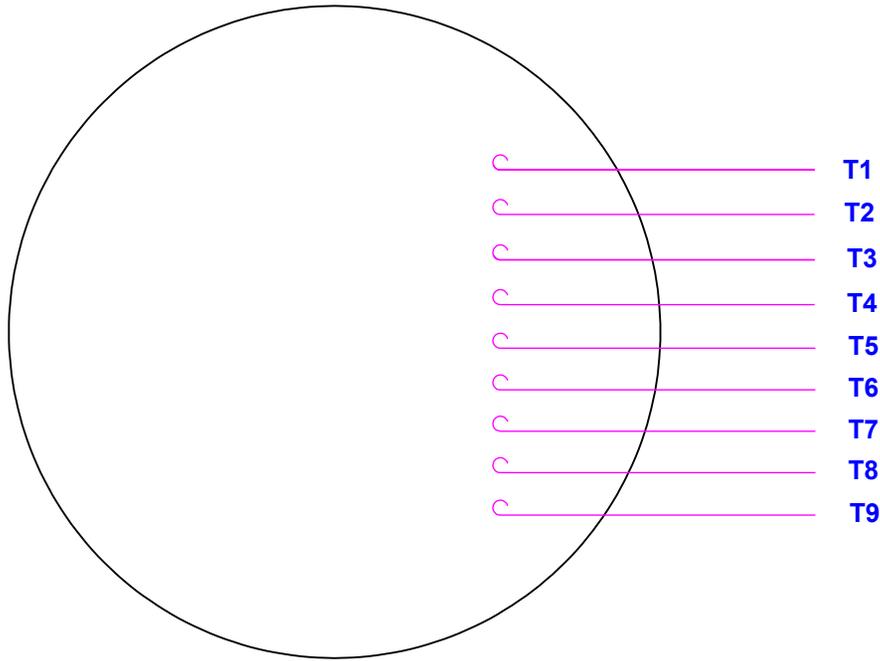


MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
 PERMISSABLE SHAFT RUNOUT .002 T.I.R.

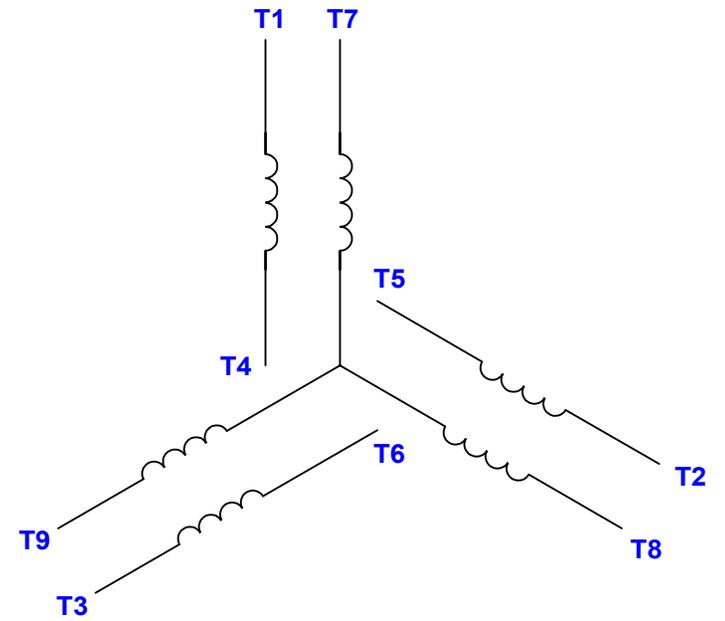
GASKETS THROUGHOUT

NO.		REVISION		BY & DATE		TOLERANCES UNLESS SPECIFIED		DRAWN LST 12/1/11	
						DEC. INCHES		CHK	
						X ±.1		APPD	
						XX ±.03		SCALE 3=8	
						.XXX ±.005		REF	
						.XXXX ±.0005		FMF	
						FINISH		PREV	
						CAD FILE		SIZE DRAWING NO.	
						RPP		A	
						DIST		01191528	
						TITLE		REV.	
						REGAL REGAL-BELOIT CORPORATION			
						OUTLINE - 143-145TC FRAME			
						TEFC - RIGID "C"			

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	SCALE 1:1
THIRD ANGLE PROJECTION			RFP	04/12/02	PREV	SIZE	DRAWING NO
			NETWORK FILE NAME		00501001	A	005010-01
							REV 12





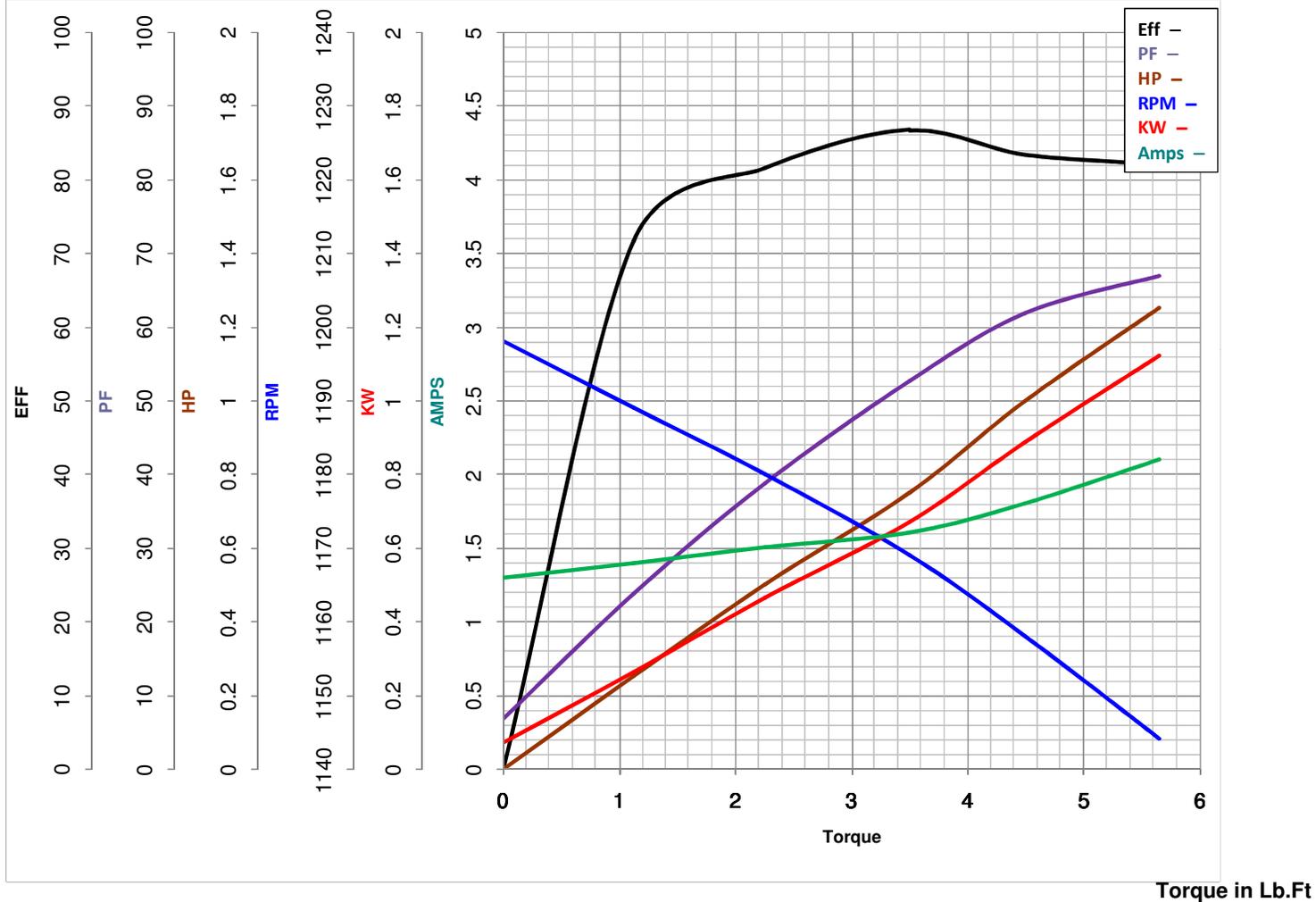
LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 191528.00

Curve at 460 Volts HP 1&3/4 PHASE 3
60 HZ
1 HP VOLTS 208-230/460&190/380

Catalog No 191528.00

HZ 60&50 RPM 1150&960



FL TORQUE	<u>4.5</u>	Lb.Ft	FL AMPS	<u>3.8-3.8/1.9</u>
BD TORQUE	<u>17.4</u>	Lb.Ft	PU TORQUE	<u>12.5</u> Lb.Ft
LR TORQUE	<u>12.55</u>	Lb.Ft	LR AMPS	<u>11.4</u>
WINDING	QT6365-3		Date	<u>6/4/2018</u>

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 : 191528.00

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

Catalog No : 191528.00

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