

PRODUCT INFORMATION PACKET



Model No: 103388.00

Catalog No: 103388.00

Premium Duck™ General Purpose Motor, 0.75 & 0.75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, S56C Frame, TEFC

Operational at 208-230/460 V @60HZ



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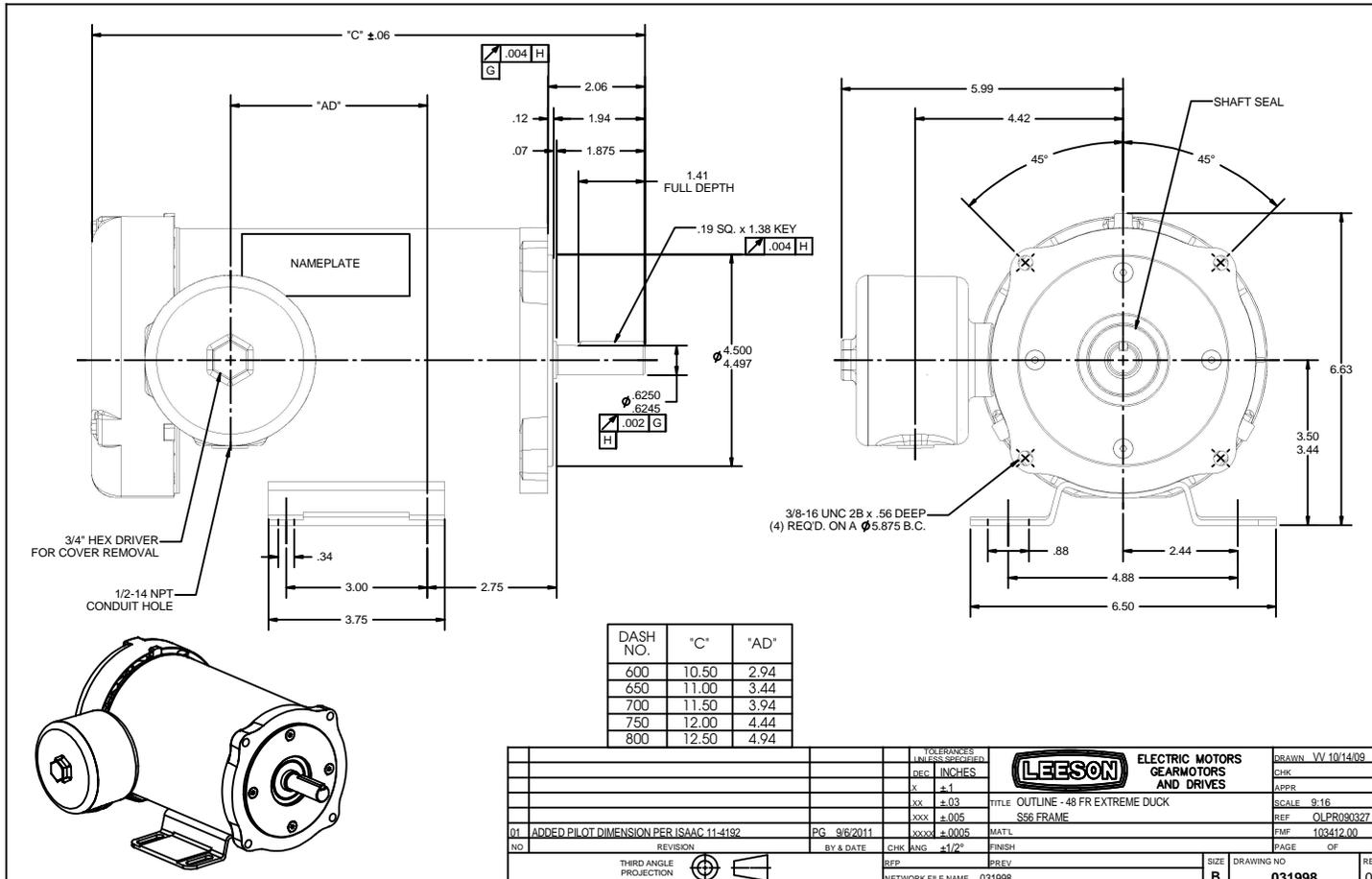


Nameplate Specifications

Phase	3	Output HP	0.75 & 0.75 Hp
Output KW	0.56 & 0.56 kW	Voltage	230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.00
Frame	S56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	78.5 & 78.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	2.4/1.2 & 2.6/1.3 A	Power Factor	79
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6204	Opp Drive End Bearing Size	6204
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

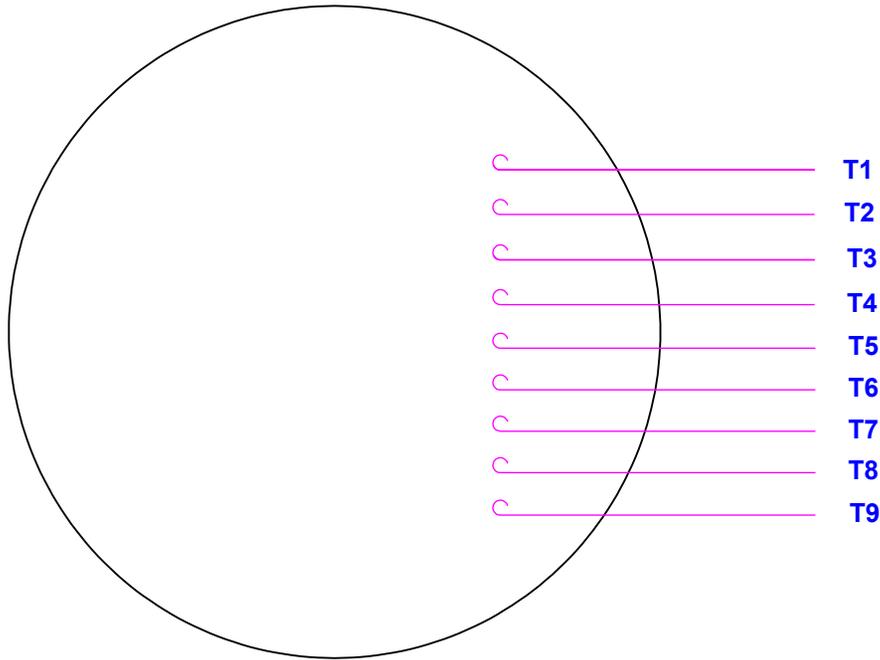
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	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	NEMA 56	Overall Length	12.50 in
Frame Length	8.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	VARIABLE 10:1		
Connection Drawing	005010.01	Outline Drawing	031998-800

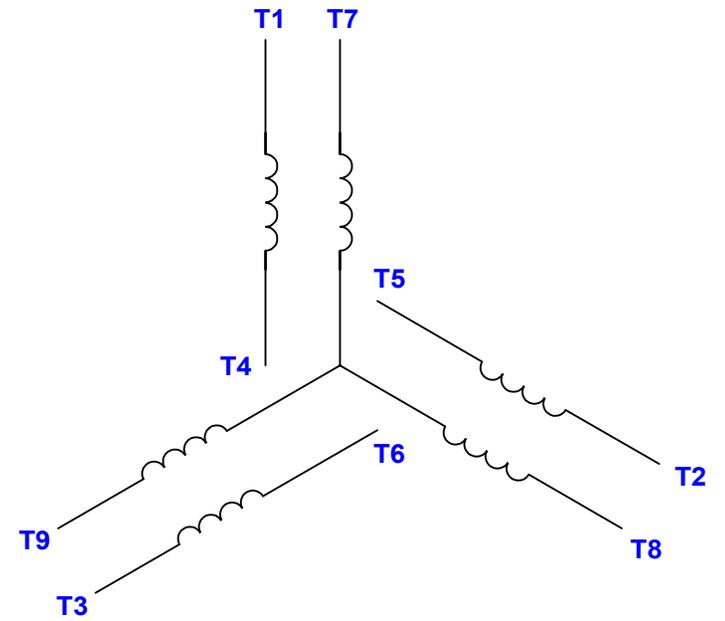


TOLERANCES UNLESS SPECIFIED		DEC. INCHES		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN W 10/14/09
X	±.1	XXX	±.03		CHK
XXXX	±.005	TITLE OUTLINE - 48 FR EXTREME DUCK		APPR	SCALE 9:16
01	ADDED PILOT DIMENSION PER ISAAC 11-4192	PG 9/6/2011	XXXXX ±.0005	MATL S56 FRAME	REF OLPROG0327
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH	FMP 103412.00
THIRD ANGLE PROJECTION		RFP	PREV	SIZE B	DRAWING NO 031998
NETWORK FILE NAME 031998				PAGE 01	REV 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



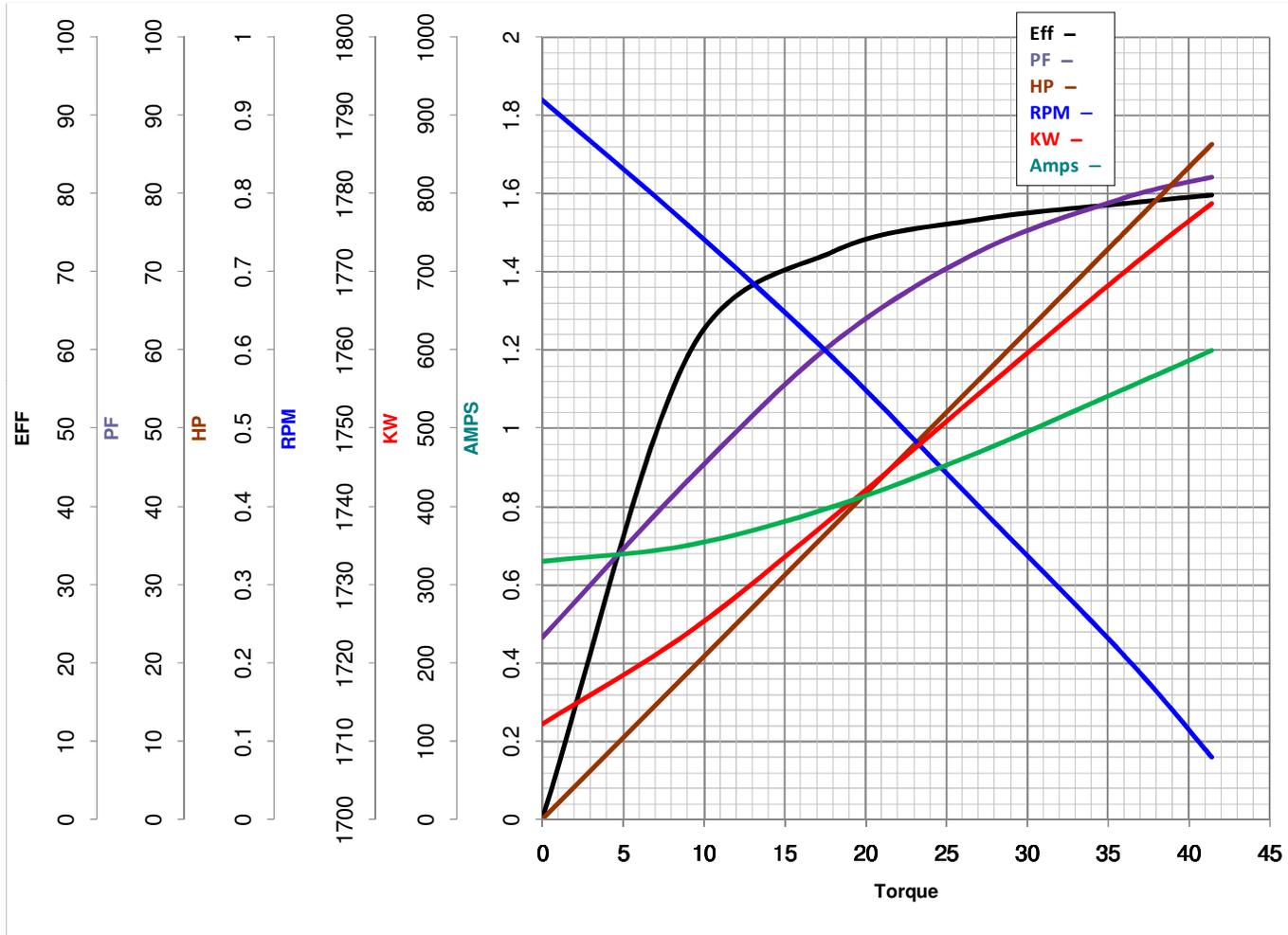
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 103388.00

Catalog No 103388.00

Curve at 460 Volts HP 0.75&0.75 PHASE 3
60 HZ
0.75 HP VOLTS 208-230/460&190/380

HZ 60&50 RPM 1725&1425



Torque in Oz.Ft

FL TORQUE 36 Oz.Ft
 BD TORQUE 145.0 Oz.Ft
 LR TORQUE 150 Oz.Ft

FL AMPS 2.5-2.4/1.2
 PU TORQUE 140.0 Oz.Ft
 LR AMPS 8

WINDING T55465-3

Date 5/23/2018

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 : 103388.00

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

Catalog No : 103388.00

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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