

PRODUCT INFORMATION PACKET



Model No: 19145100

Catalog No: 19145100

Jet Pump Motor, 0.50 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, S56J Frame, TEFC

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Nameplate Specifications

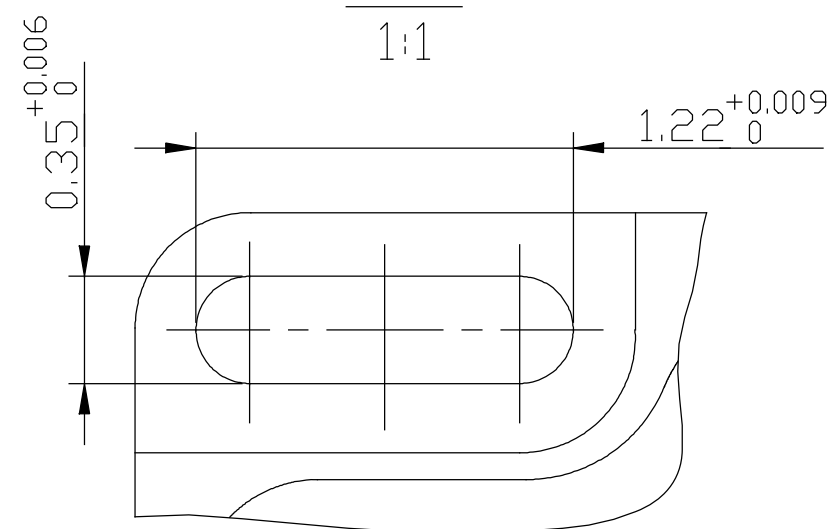
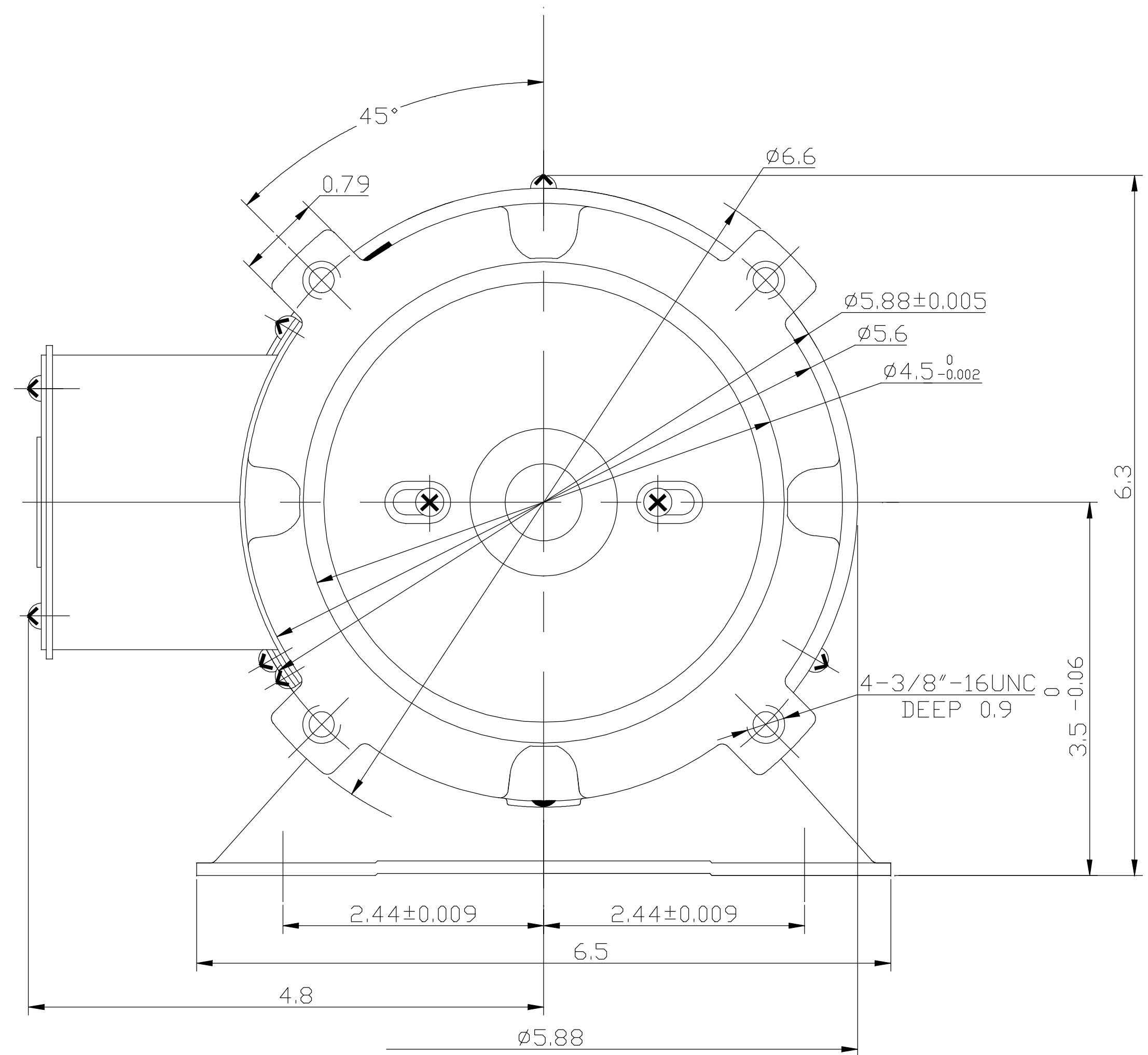
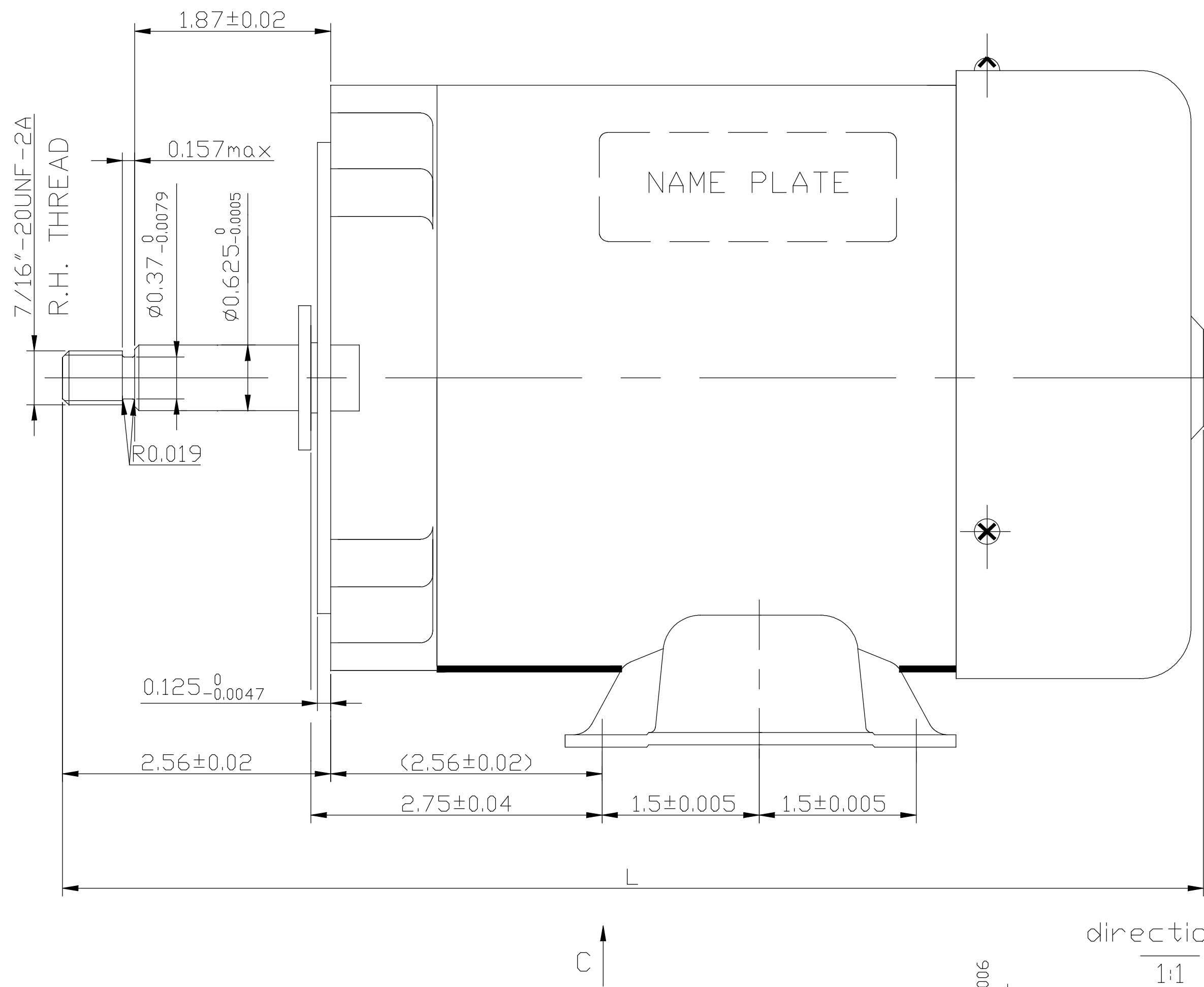
Phase	3	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	230/460 V
Speed	3450 rpm	Service Factor	1.15
Frame	S56J	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	76 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.7/0.85 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	E
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	8.12 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	19145100	Connection Drawing	005010.01

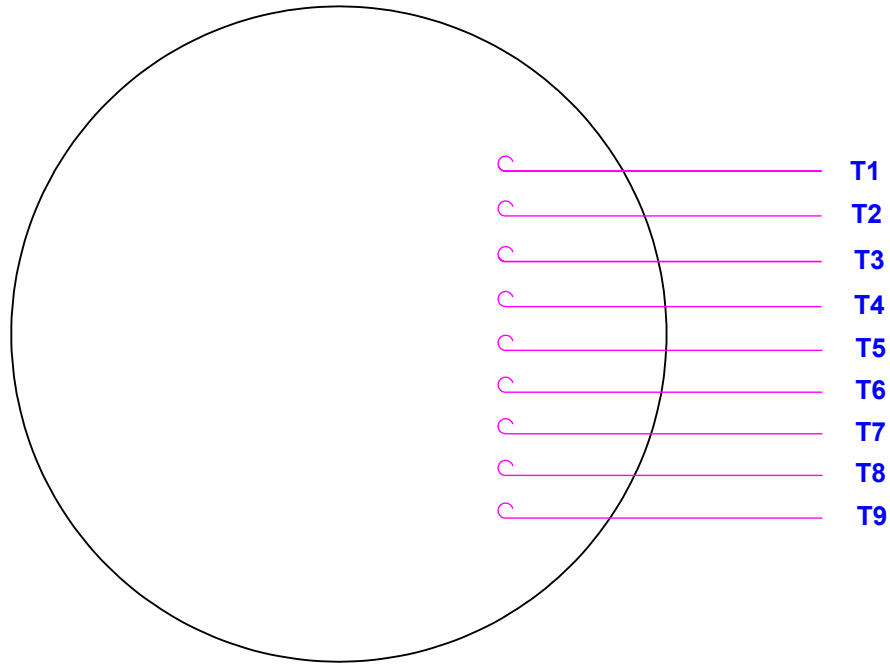
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Cat	HP	VOLT	Hz	FRAME	RPM	L
191451	1/2	230/460	60	S56J	3450	11.1
191452	3/4	230/460	60	S56J	3450	11.8

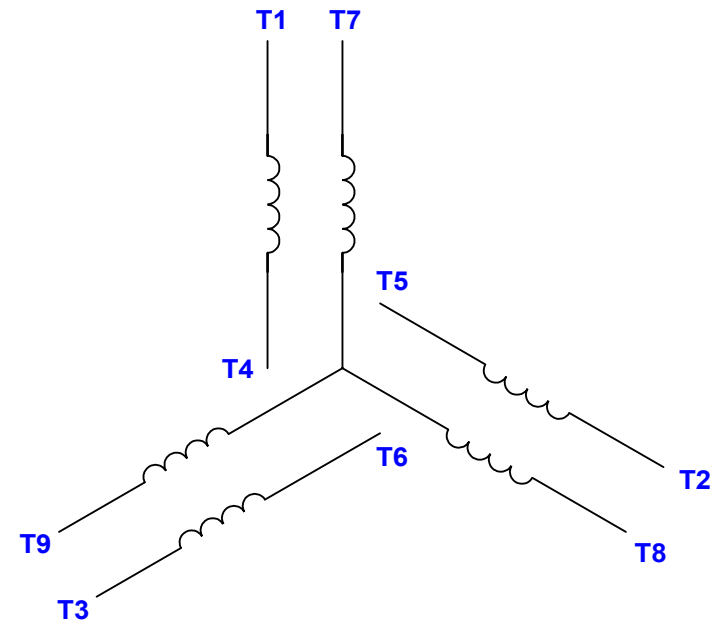


DRAWN BY: D.JURYAWANSKI		REGAL™ Regal Beloit America, Inc.	
DATE: 10/11/2020		OUTLINE	
APPROVED BY:			
DATE:			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION		SIZE DWG NO C 19145100	SHEET 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

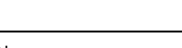


LINE LEADS



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						

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 : 19145100

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

Catalog No : 19145100

Rework No : N/A

Directives :

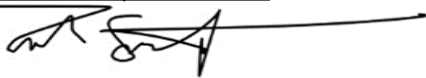
Low Voltage Directive 2014/35/EU

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