

# PRODUCT INFORMATION PACKET

Model No: 056T17V99005

Catalog No: N357

General Purpose Motor, 1 & 0.75 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,  
56HC Frame, TENV



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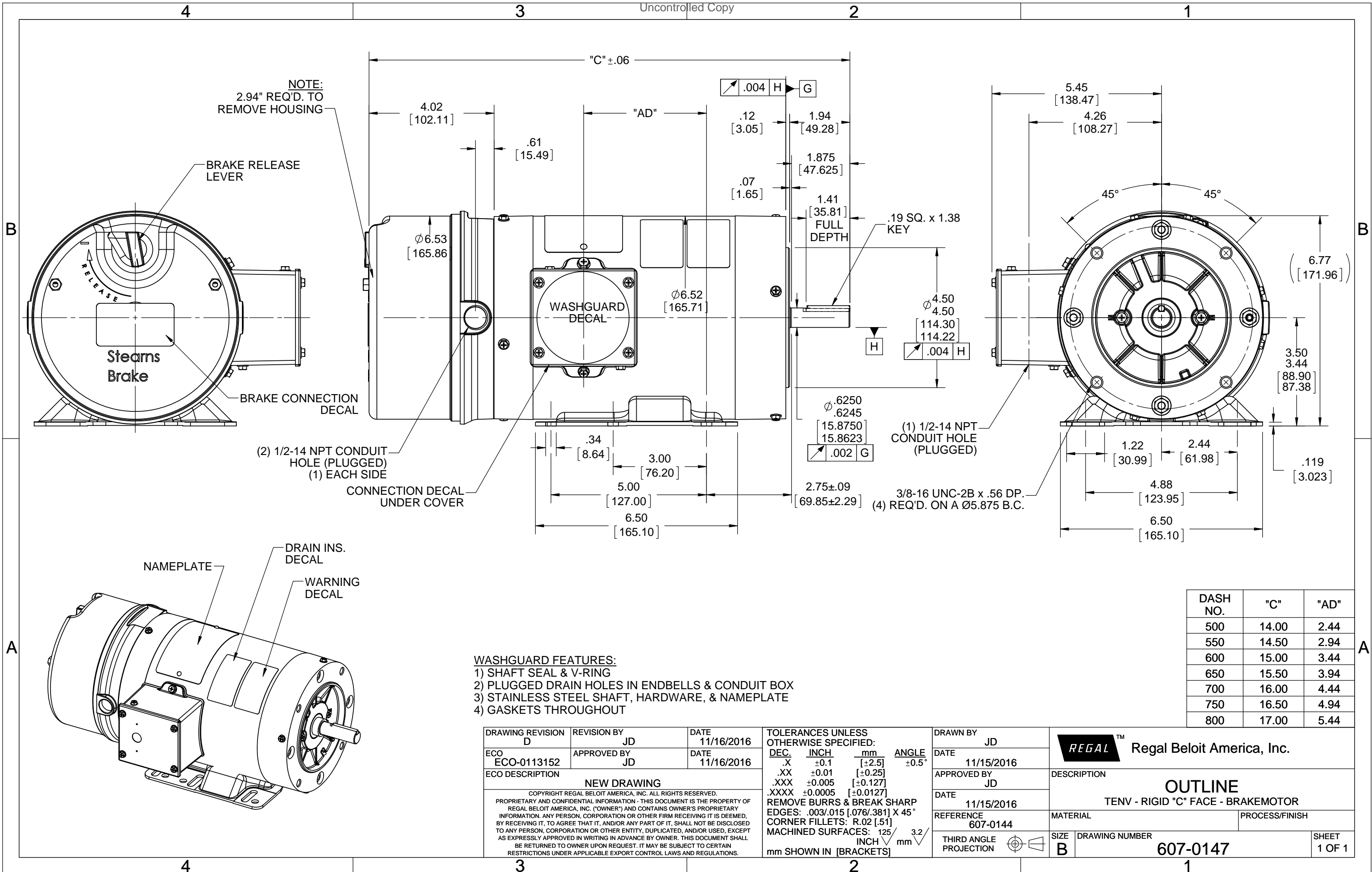


### Nameplate Specifications

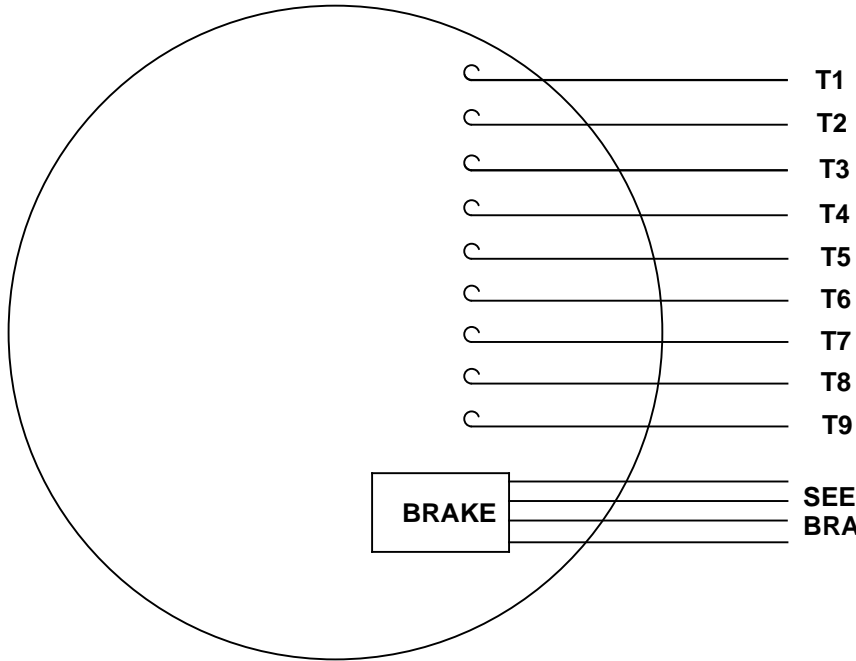
Phase	<b>3</b>	Output HP	<b>1 &amp; 0.75 Hp</b>
Output KW	<b>0.75 &amp; 0.56 kW</b>	Voltage	<b>208-230/460 &amp; 190/380 V</b>
Speed	<b>1725 &amp; 1425 rpm</b>	Service Factor	<b>1.15 &amp; 1.0</b>
Frame	<b>56HC</b>	Enclosure	<b>Totally Enclosed Non Ventilated</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>80 &amp; 77 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>3.2/1.6 &amp; 3.2/1.6 A</b>	Power Factor	<b>75</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>M</b>
Drive End Bearing Size	<b>6205</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>55</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>16 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>NEMA 56</b>	Overall Length	<b>15.50 in</b>
Frame Length	<b>6.50 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>1.88 in</b>	Assembly/Box Mounting	<b>F1 Only</b>
Outline Drawing	<b>607-0147-650</b>	Connection Drawing	<b>005010.15ME</b>



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

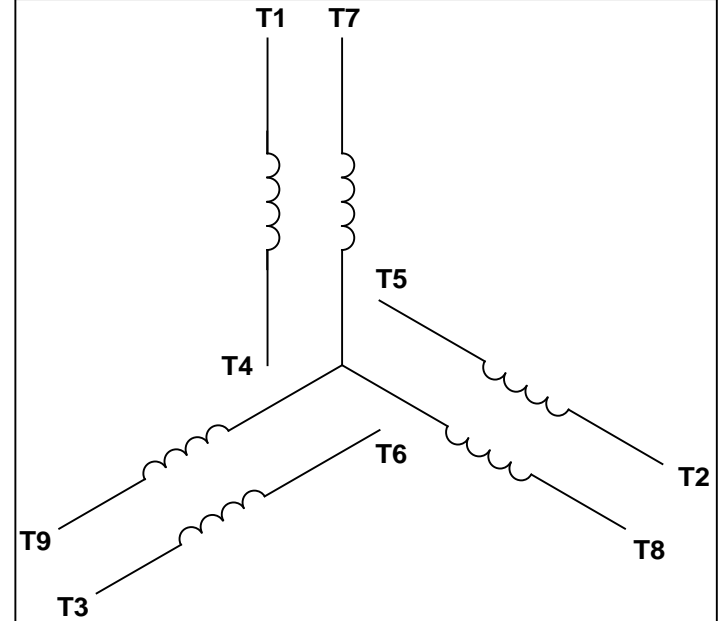


T1  
T2  
T3  
T4  
T5  
T6  
T7  
T8  
T9

**BRAKE**

**SEE TABLE FOR  
BRAKE CONNECTIONS**

**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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**BRAKE CONNECTION**

VOLTAGE	STERNS BRAKE			DINGS BRAKE		
	L1	L2	Join	L1	L2	Join
HIGH	1(RED)	2(RED)	3(BLACK) 4(BLACK)	2(BLACK)	4(YELLOW)	1(YELLOW) 3(BLACK)
LOW	1(RED) 3(BLACK)	2(RED) 4(BLACK)	-----	2(BLACK) 3(BLACK)	1(YELLOW) 4(YELLOW)	-----

		TOLERANCES UNLESS SPECIFIED				DRAWN MDN 03/26/03	
		DEC	INCHES			CHK	
		.X	±.1			APPR	
		.XX	±.01			SCALE 1:1	
		.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		REF	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	.XXXX	±.0005	MAT'L MTR DECAL - 004014 BRAKE DECAL - 080034		FMF
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH		PAGE OF
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO	
			NETWORK FILE NAME 00501015ME		A	005010-15ME	
							REV
							--

## EC Declaration of Conformity

The undersigned representing  
the manufacturer:

Regal Beloit America  
100 East Randolph St.  
Wausau, WI 54401

and the authorized representative  
established within the Community:

Marathon Electric UK  
6F Thistleton Road Ind. Estate  
Market Overton  
Oakham, Rutland LE15 7PP UK

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 : 056T17V99005

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

Catalog No : N357

Rework No : N/A

Directives :

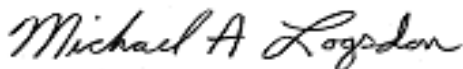
Low Voltage Directive 2014/35/EU

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:



Michael A. Logsdon  
Vice President, Technology

Authorized Representative in the Community:



Julian Clark  
Marketing Engineer

Created on 09/06/2022

**CE 22**