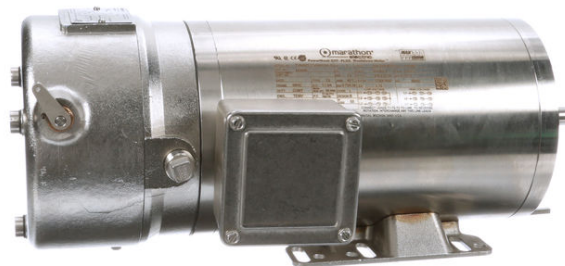


# PRODUCT INFORMATION PACKET

Model No: 056T17V99029

Catalog No: N389B

PowerWash™SXT-Plus Wash Down Duty™ 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

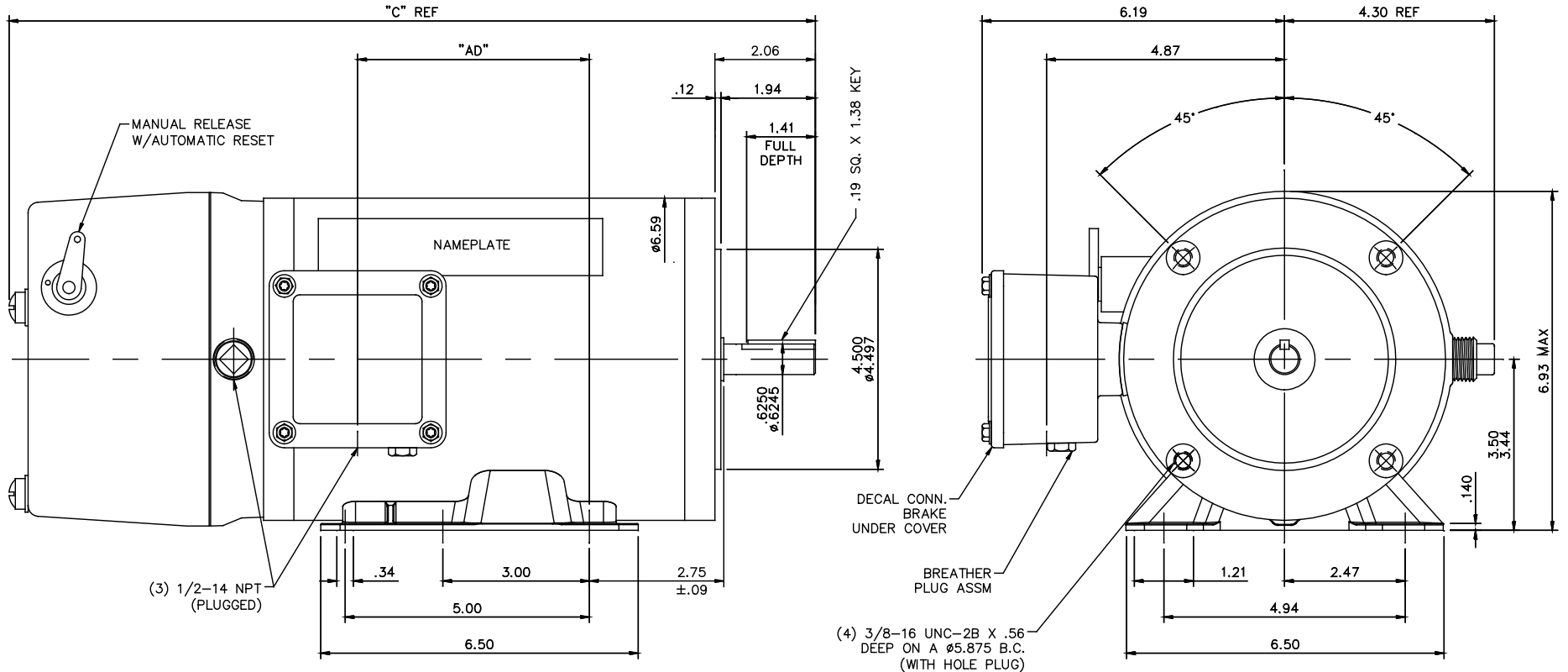
Phase	<b>3</b>	Output HP	<b>1 &amp; 0.75 Hp</b>
Output KW	<b>0.75 &amp; 0.56 kW</b>	Voltage	<b>208-230/460 &amp; 190/380 V</b>
Speed	<b>1750 &amp; 1450 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>56HC</b>	Enclosure	<b>Totally Enclosed Non Ventilated</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>85.5 &amp; 84 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>3-2.8/1.4 &amp; 2.6/1.3 A</b>	Power Factor	<b>77.7</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>L</b>
Drive End Bearing Size	<b>6205</b>	Opp Drive End Bearing Size	<b>6205</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 Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>0 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>Stainless Steel</b>
Shaft Type	<b>NEMA 56</b>	Overall Length	<b>18.01 in</b>
Frame Length	<b>9.50 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>2.06 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Inverter Load	<b>CONSTANT 6:1</b>		
Outline Drawing	<b>607-0286-950</b>	Connection Drawing	<b>005010.15ME</b>



607-0286



DASH NO.	"C"	"AD"
800	16.51	4.74
850	17.01	5.24
900	17.51	5.74
950	18.01	6.24

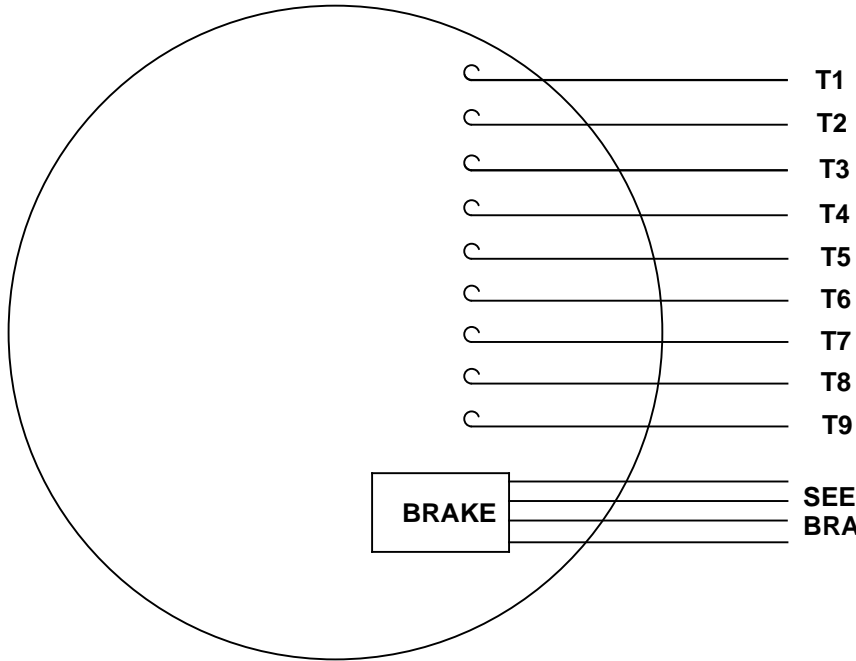
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.  
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

**ALL-STAINLESS**  
 VITON CONDUIT BOX & COVER GASKETS  
 VITON O-RINGS IN ENDBELL RABBETS, UNDER THRU BOLT HEADS & BRAKE LEAD HOLE  
 VITON SHAFT SEAL  
 BREATHER PLUG IN CONDUIT BOX  
 ALL STAINLESS STEEL CONSTRUCTION

ORACLE REV	0
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NO.		REVISION	BY & DATE	CHK	ANG	FINISH	PREV
NEW DRAWING							
NO.		REVISION	BY & DATE	CHK	ANG	FINISH	PREV
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	DIST	CAD FILE	607-0286
DRAWN		DATE		SIZE		DRAWING NO.	
JD 12/22/2016				B		607-0286	
CHK				REV.		A	
APPD				SCALE		1=2	
REF				TITLE		OUTLINE - 56HC FRAME TENV - RIGID "C"	
FMF				MAT'L		STAINLESS STEEL DUCK - BRAKE MOTOR	
PREV				TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	
				DEC. INCHES			
				.X ±.1			
				.XX ±.03			
				.XXX ±.005			
				.XXXX ±.0005			

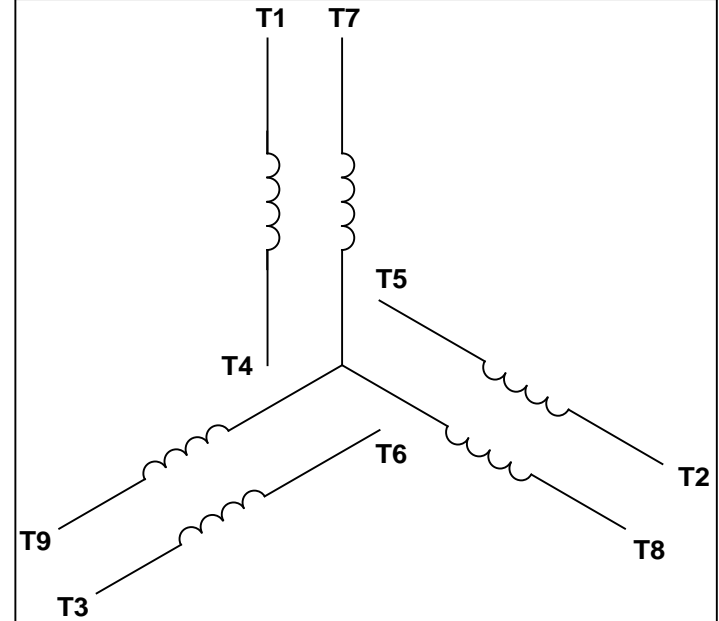
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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(REDF)	2(REDF)	3(BLACK) 4(BLACK)	2(BLACK)	4(YELLOW)	1(YELLOW) 3(BLACK)
LOW	1(REDF) 3(BLACK)	2(REDF) 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 --



**CERTIFICATION DATA SHEET**

**P.O. BOX 8003  
WAUSAU, WI 54401-8003  
PH. 715-675-3311**

**CUSTOMER:**

**CUSTOMER**

**ORDER #:**

**PO#:**

**CONN. DIAGRAM:** 005010.15ME

**MODEL #:** 56T17V99029 A

**OUTLINE:** 607-0286-950

**CUSTOMER PART**

**WINDING #:** T634471 NR 3 A

**#:**

**MOUNTING:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&3/4	0.75&0.56	1800	1750&1450	56HC	TENV	L	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	208-230/460&190/380	3-2.8/1.4&2.6/1.3	LINE OR INVERTER	CONTINUOUS	F4	1.15/1.15	40

FULL LOAD EFF:	85.5&84	3/4 LOAD EFF:	86.9	1/2 LOAD EFF:	85.1	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	77.7&75	3/4 LOAD PF:	70.3	1/2 LOAD PF:	57.9	0		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
48.04 OZ-FT	24.9 / 12.4	166 OZ-FT 346 %	206 OZ-FT 429 %	0

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 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE	POLYREX EM	STANDARD 56	NONE	NONE	303 STAINLESS (C-501)	STAINLESS STEEL
BALL	BALL						
6205	6205						

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

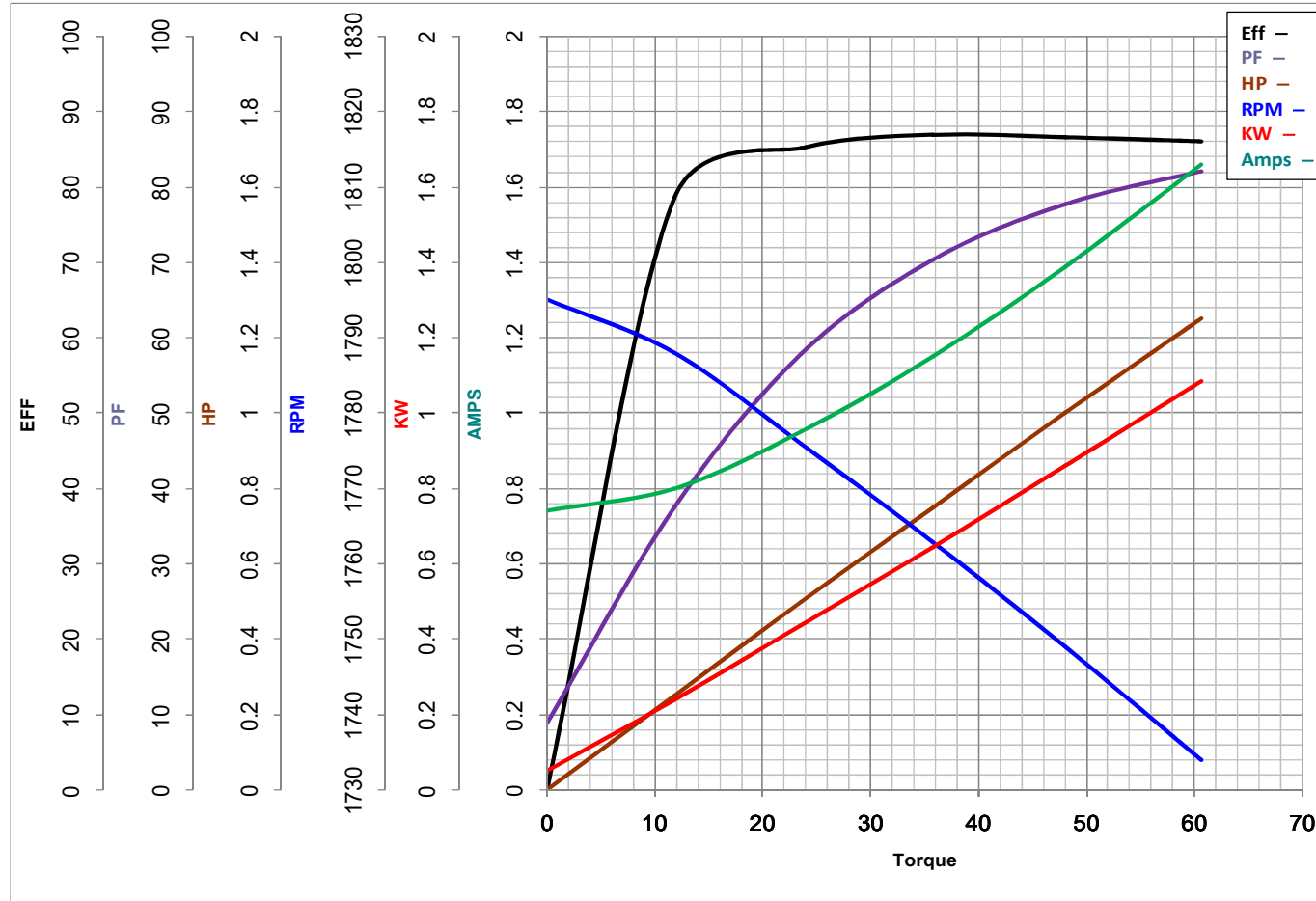
\*  
N  
O  
T  
E  
S  
\*

<b>INVERTER TORQUE:</b> CONSTANT 6:1
<b>INV. HP SPEED RANGE:</b> NONE
<b>ENCODER:</b> NONE
NONE NONE
NONE NONE PPR
<b>BRAKE:</b> REGAL SUPPLIED AND MOUNT M12
STEARNS P/N 004264.02
56,000 NEMA 4X
6 FT-LB 230/460 V 60/50 Hz



**MARATHON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer \_\_\_\_\_ Curve at 460 Volts HP 1&43163 PHASE 3  
 Model No 56T17V99029 60 HZ  
1 HP VOLTS 208-230/460&190/380  
 Catalog No N389B HZ 60&50 RPM 1750&1450



				Torque in Oz.Ft	
FL TORQUE	<u>48.04</u>	Oz.Ft	FL AMPS	<u>3-2.8/1.4</u>	
BD TORQUE	<u>206.0</u>	Oz.Ft	PU TORQUE	<u>182.0</u>	Oz.Ft
LR TORQUE	<u>166</u>	Oz.Ft	LR AMPS	<u>12.43</u>	
WINDING	T634471-3		Date	11/1/2018	

## 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 : 056T17V99029

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

Catalog No : N389B

Rework No : N/A

Directives :

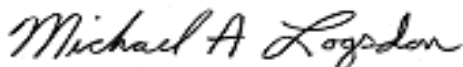
Low Voltage Directive 2014/35/EU

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 09/01/2022

**CE 22**