

PRODUCT INFORMATION PACKET

Model No: 056T17VD5328

Catalog No: N411

PowerWash™ SXT Wash Down Duty™ General Purpose Motor, 0.50 & 0.33 HP, 3 Ph, 60 & 50 Hz,
208-230/460 & 190/380 V, 1800 & 1500 RPM, 56C Frame, TENV



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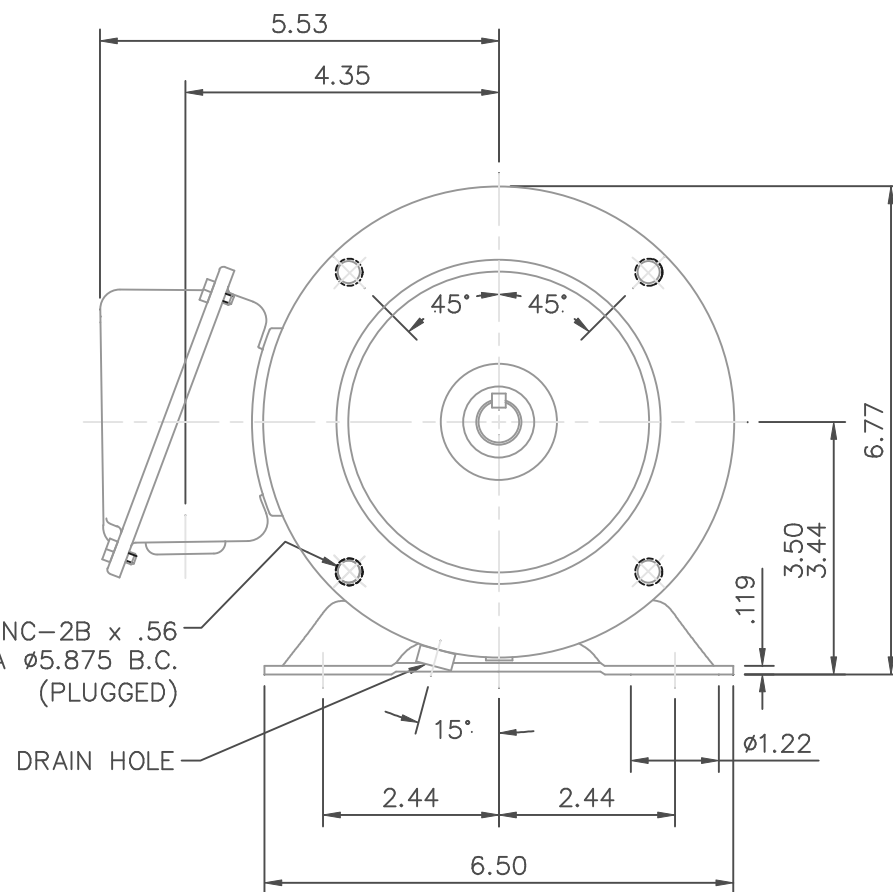
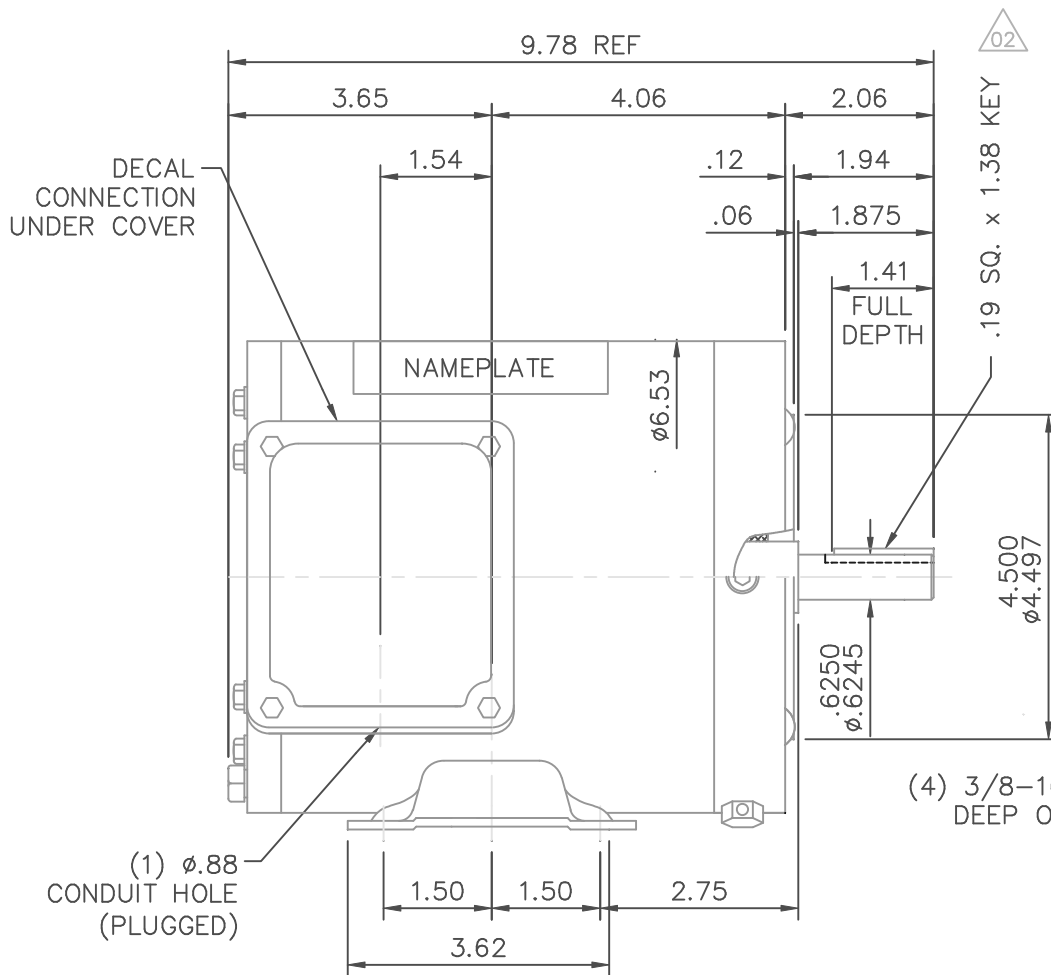


Nameplate Specifications

Phase	3	Output HP	0.50 & 0.33 Hp
Output KW	0.37 & 0.25 kW	Voltage	208-230/460 & 190/380 V
Speed	1740 & 1440 rpm	Service Factor	1.15 & 1.15
Frame	56C	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	81.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	1.5-1.6/.8 & 1.6/.8 A	Power Factor	68
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
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 Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	29 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	9.78 in
Shaft Diameter	0.625 in	Shaft Extension	2.06 in
Assembly/Box Mounting	F1/F2 Capable		
Connection Drawing	005010-01ME	Outline Drawing	16992900ME



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

GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED			DRAWN MGM 04/10/03			
				DEC.	INCHES		CHK RDW 04/10/03			
				.X	±.1		APPD			
02	UPDATED SHAFT EXT DIMS	RDW 4/26/04	SW	.XXX	±.005	TITLE	OUTLINE - 56C FRAME TENV - RIGID "C"			
01	CONDUIT HOLE WAS 1/2-14 NPT, DIM .157 WAS .12	SW 10/7/2003	RDW	.XXXX	±.0005	MAT'L.	SCALE 3=8			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	REF			
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		CAD FILE	16992900ME	SIZE	DRAWING NO.	REV.
				DIST		A	169929.00ME		01	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

		TOLERANCES UNLESS SPECIFIED		DRAWN RDW 04/12/02						
		DEC.	INCHES	CHK						
		.X	±.1	APPD						
		.XX	±.01	SCALE 1=1						
		.XXX	±.005	REF FIG.2-51						
		.XXXX	±.0005	FMF						
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	MARATHON ELECTRIC		PREV	
						TITLE	EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR			
						MAT'L.	DECAL - 004014			
			RFP	04/12/02		CAD FILE	00501001ME	SIZE	DRAWING NO.	REV.
			DIST					A	005010-01ME	

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CERTIFICATION DATA SHEET

Model#: 56T17VD5328 A
CONN. DIAGRAM: 005010-01ME
OUTLINE: 16992900ME

WINDING#: QT6348 NR 3
ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2&1/3	.37&0.25	1800	1740&1440	56C	TENV	L	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208- 230/460#190/ 380	1.5- 1.6/.8&1.6/.8	ACROSS THE LINE	CONTINUOU S	F5	1.15/1.15	40	3300

FULL LOAD EFF: 81.5	3/4 LOAD EFF: 79.9	1/2 LOAD EFF: 75.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 68	3/4 LOAD PF: 59.1	1/2 LOAD PF: 46.3	-	SQ CAGE IND RUN	1.2 / .6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24 LB-FT	12 / 6	70.5 LB-FT 294	89 LB-FT 371	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	-1 LB-FT^2	- LB-FT^2	- SEC.	-	- LBS.

***** SUPPLEMENTAL INFORMATION *****

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

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

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

If Inverter equals NONE, contact factory for further information

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/29/2017 05:59:40 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

Data Sheet

Date: 1/2/2019
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



56T17VD5328

Submittal

Data @ 460 V

Motor Load Data

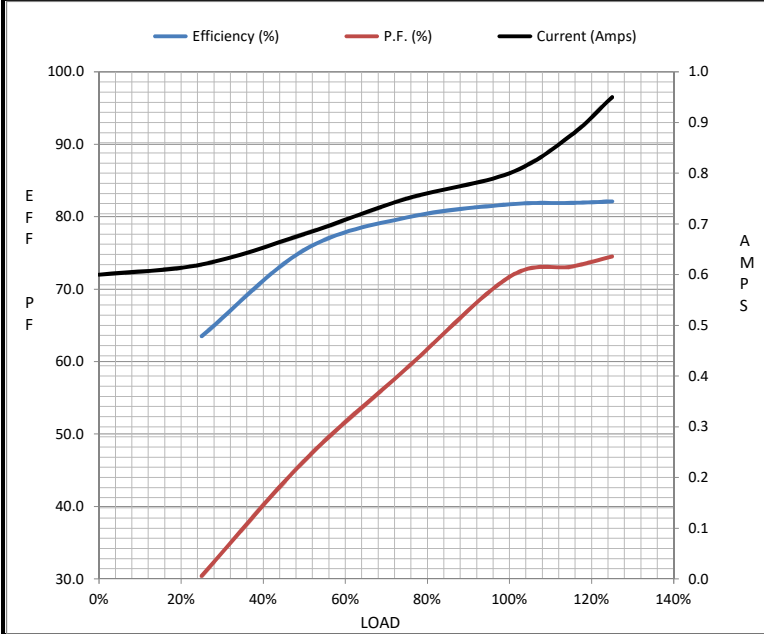
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.60	0.62	0.68	0.75	0.80	0.88	0.95	6.0
Torque (ft-lb)	0.00	96.1	192	288	384	6,923	480	1,129
RPM	1800	1788	1776	1765	1752	1,746	1738	0
Efficiency (%)		63.5	75.4	79.9	81.7	81.9	82.1	
P.F. (%)	11.9	30.4	46.3	59.1	71.7	73.1	74.5	0.0

Motor Speed Data

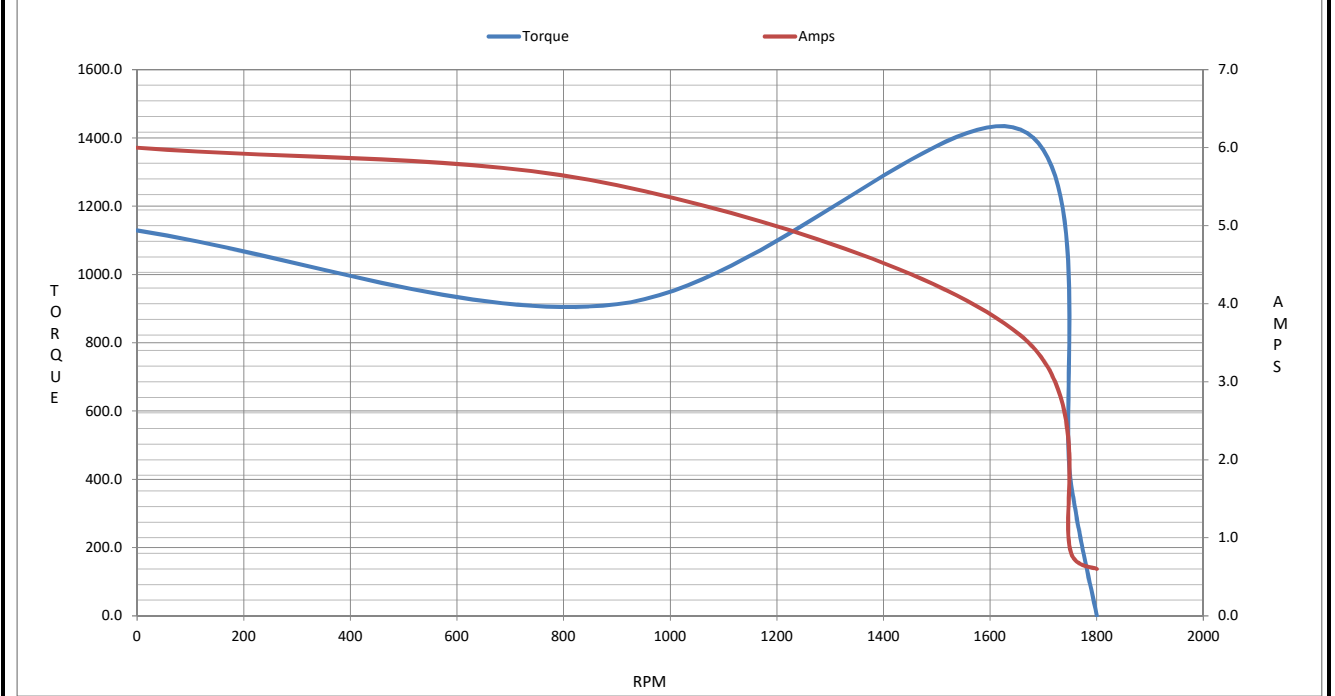
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1752	1800
Current (Amps)	6.0	5.5	3.6	0.80	0.60
Torque (ft-lb)	1,129	913	1,425	384	0.00

Information Block

HP	0.5			
Sync. RPM	1800			
Frame	56			
Enclosure	TENV			
Construction	TS			
Voltage	208-230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	73 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	3300 feet			
Rotor/Shaft wk ²	-1.00 Lb-Ft ²			
Ref Wdg	QT6348 NR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	16992900ME			
Conn. Diag	005010-01ME			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve



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 : 056T17VD5328

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

Catalog No : N411

Rework No : N/A

Directives :

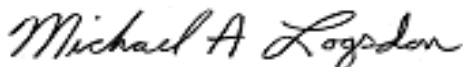
Low Voltage Directive 2014/35/EU

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