

# PRODUCT INFORMATION PACKET

Model No: 056T11VD5385

Catalog No: N495

0.50 HP Washdown Motor, 3 phase, 1200 RPM, 208-230/460 V, 56C Frame, TENV  
Washdown Duty Motors



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REGAL



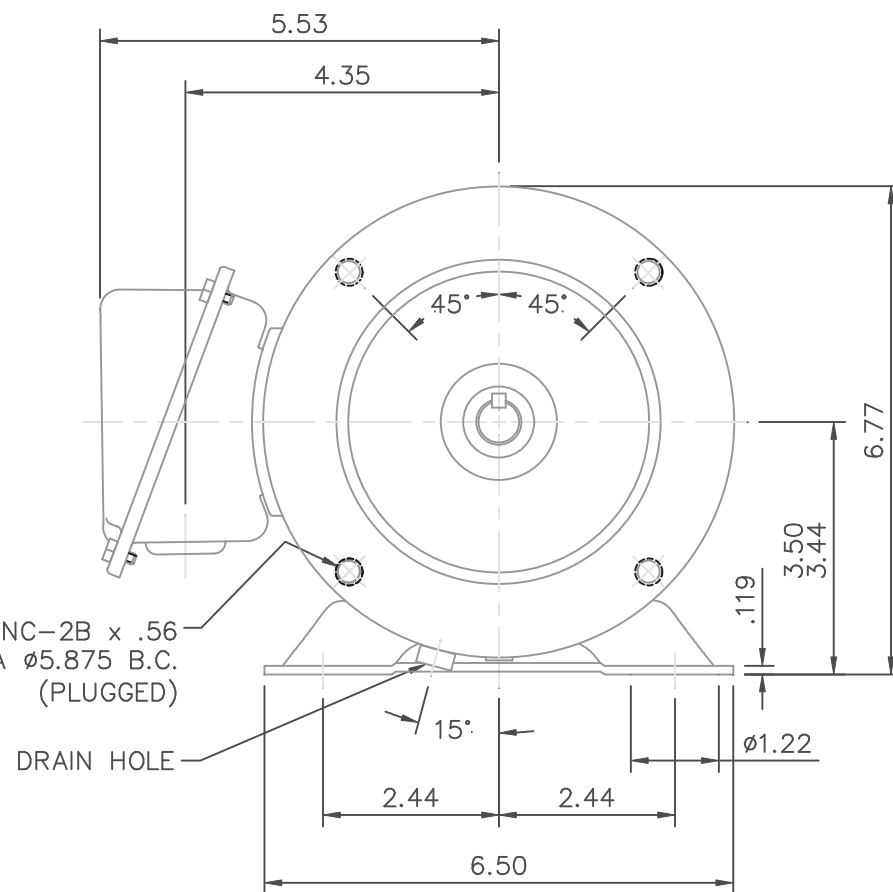
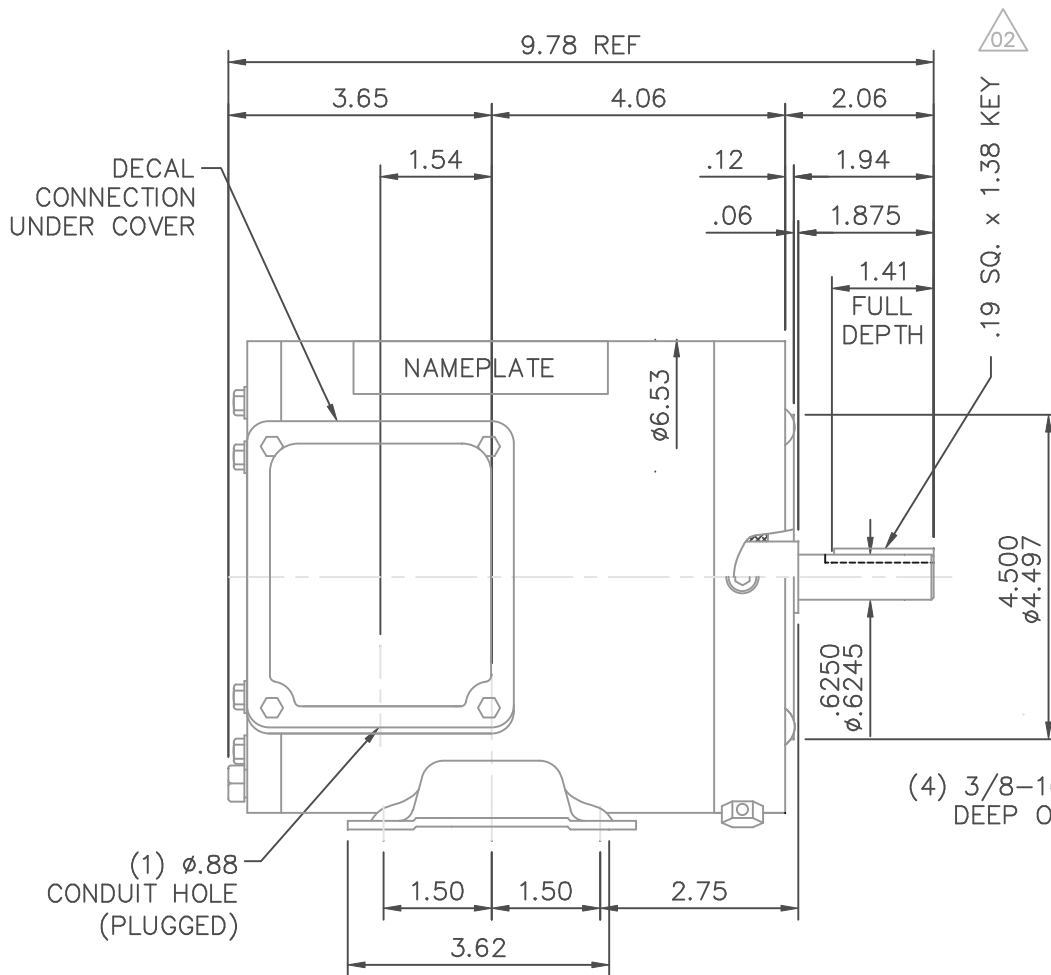
**Nameplate Specifications**

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.1-2.0/1.0 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>80 %</b>	Power Factor	<b>59</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>K</b>
Frame	<b>56C</b>	Enclosure	<b>Totally Enclosed Non Ventilated</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</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>43</b>

**Technical Specifications**


Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>25.6 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>9.78 in</b>
Frame Length	<b>6.00 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>1.94 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>16992900ME</b>	Connection Drawing	<b>005010.01</b>

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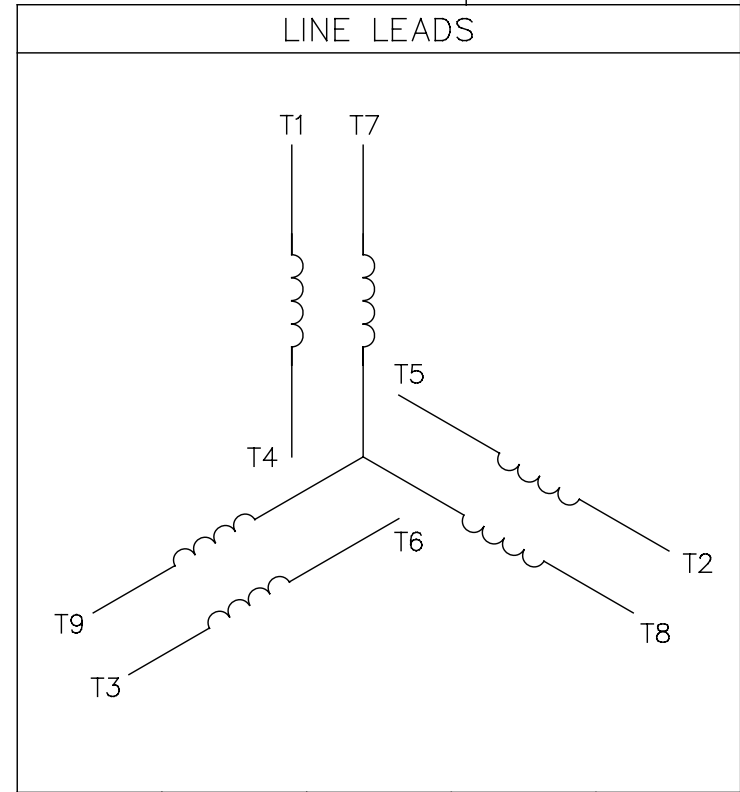
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.  
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

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

005010-01

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		<b>REGAL</b> ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02				
				DEC.	INCHES			CHK				
				.X	±.1			APPD				
				.XX	±.01			SCALE 1=1				
				.XXX	±.005	TITLE		REF FIG.2-51				
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014	FMF		
NO.	REVISION			BY & DATE	CHK	ANG	±1/2"	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	04/12/02		CAD FILE	00501001		SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV			A	005010-01		A	

**CERTIFICATION DATA SHEET**

**Model#:** 056T11VD5385 A                      **WINDING#:** QT6363 NR 3  
**CONN. DIAGRAM:** 005010.01                  **ASSEMBLY:** VERIFY  
**OUTLINE:** 16992900ME

**TYPICAL MOTOR PERFORMANCE DATA**

<b>HP</b>	<b>KW</b>	<b>SYNC. RPM</b>	<b>F.L. RPM</b>	<b>FRAME</b>	<b>ENCLOSURE</b>	<b>KVA CODE</b>	<b>DESIGN</b>		
1/2&1/3	.37&.246	1200	1140&950	56C	TENV	K	B		
<b>PH</b>	<b>Hz</b>	<b>VOLTS</b>	<b>FL AMPS</b>	<b>START TYPE</b>	<b>DUTY</b>	<b>INSL</b>	<b>S.F</b>	<b>AMB°C</b>	<b>ELEVATION</b>
3	60/50	208- 230/460#190/ 380	2.1- 2/1&1.9/95	ACROSS THE LINE	CONTINUOUS	F5	1.15/1.15	40	3300
<b>FULL LOAD EFF: 80</b>	<b>3/4 LOAD EFF: 77.7</b>	<b>1/2 LOAD EFF: 72.4</b>		<b>GTD. EFF</b>	<b>ELEC. TYPE</b>	<b>NO LOAD AMPS</b>			
<b>FULL LOAD PF: 59</b>	<b>3/4 LOAD PF: 52.7</b>	<b>1/2 LOAD PF: 41.5</b>		0	SQ CAGE IND RUN	1.4 / .7			
<b>F.L. TORQUE</b>	<b>LOCKED ROTOR AMPS</b>		<b>L.R. TORQUE</b>	<b>B.D. TORQUE</b>	<b>F.L. RISE°C</b>				
36.1 LB-FT	11.2 / 5.6		89.3 LB-FT 248	133 LB-FT 369	-				
<b>SOUND PRESSURE @ 3 FT.</b>	<b>SOUND POWER</b>	<b>ROTOR WK^2</b>	<b>MAX. WK^2</b>	<b>SAFE STALL TIME</b>	<b>STARTS /HOUR</b>	<b>APPROX. MOTOR WGT</b>			
54 dBA	64 dBA	0.082 LB-FT^2	- LB-FT^2	- SEC.	-	0 LBS.			

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

<b>DE BRACKET TYPE</b>	<b>ODE BRACKET TYPE</b>	<b>MOUNT TYPE</b>	<b>ORIENTATION</b>	<b>SEVERE DUTY</b>	<b>HAZARDOUS LOCATION</b>	<b>DRIP COVER</b>	<b>SCREENS</b>	<b>PAINT</b>
C-FACE	STANDARD	RIGID	VERIFY	FALSE	NONE	FALSE	NONE	VERIFY
<b>BEARINGS</b>		<b>GREASE</b>	<b>SHAFT TYPE</b>	<b>SPECIAL DE</b>	<b>SPECIAL ODE</b>	<b>SHAFT MATERIAL</b>	<b>FRAME MATERIAL</b>	
<b>DE</b>	<b>OPE</b>	POLYREX EM	STANDARD 56	VERIFY	VERIFY	VERIFY	STAINLESS STEEL	
BALL	BALL							
6205	6205							
<b>THERMO-PROTECTORS</b>						<b>THERMISTORS</b>	<b>CONTROL</b>	<b>SPACE /n HEATERS</b>
<b>THERMOSTATS</b>	<b>PROTECTORS</b>	<b>WDG RTDs</b>	<b>BRG RTDs</b>					
NONE	NOT	NONE	NONE			NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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

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\*\* Subject to change without notice.



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

Customer

Curve at

460 Volts  
60 HZ  
0.5 HP

HP 0.5&0.33

PHASE 3

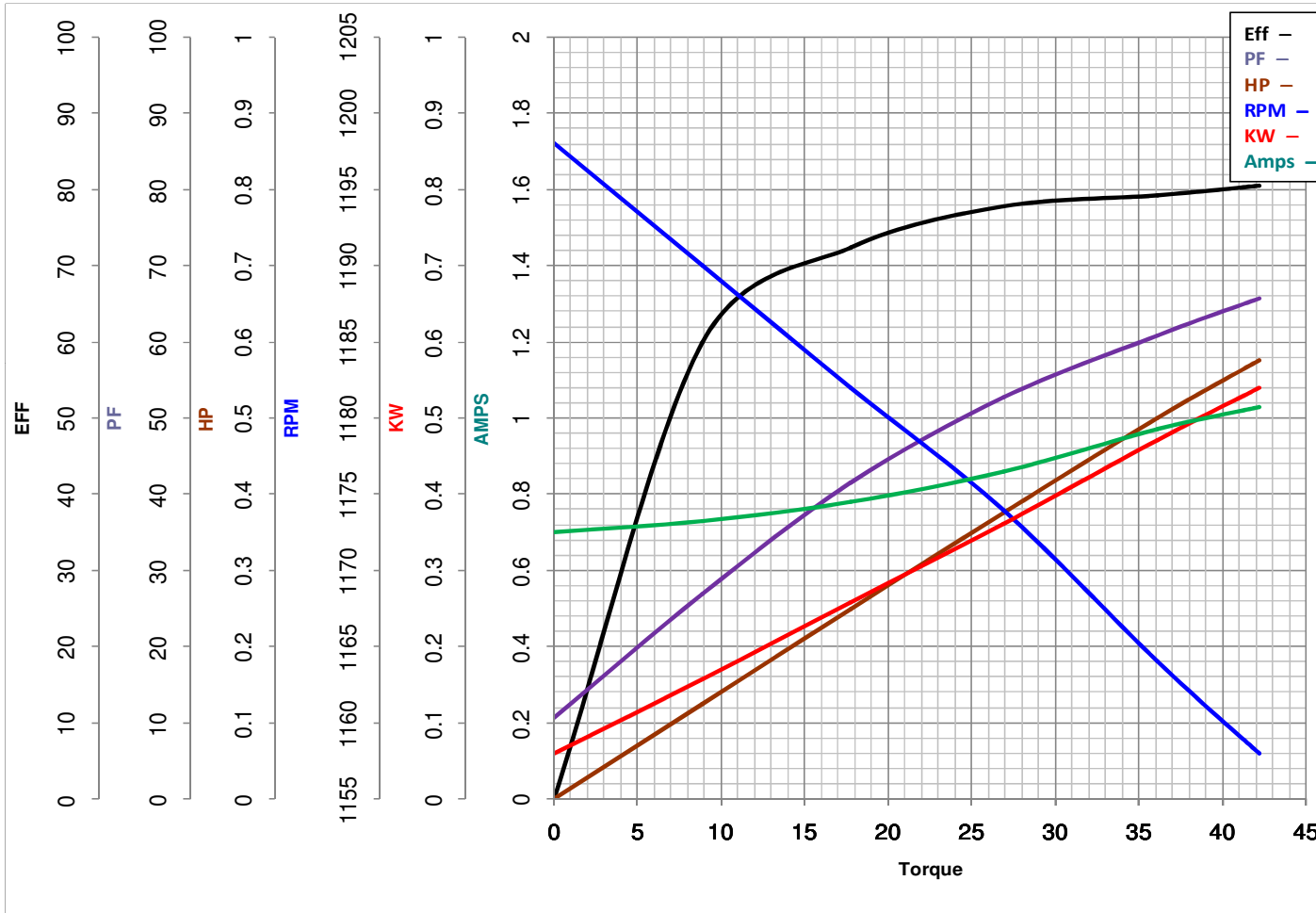
Model No 56T11VD5385

VOLTS 208-230/460&190/380

Catalog No N495

HZ 60&50

RPM 1140&950



Torque in Oz.Ft

FL TORQUE 36.1 Oz.Ft  
BD TORQUE 133.0 Oz.Ft  
LR TORQUE 89.3 Oz.Ft

FL AMPS 2.1-2/1  
PU TORQUE 88.8 Oz.Ft  
LR AMPS 5.6

WINDING QT6363-3

Date 1/30/2019