

PRODUCT INFORMATION PACKET

Model No: 056T34V5313

Catalog No: N482A

1 HP Washdown Motor, 3 phase, 3600 RPM, 208-230/460 V, 56C Frame, TENV
Washdown Duty Motors



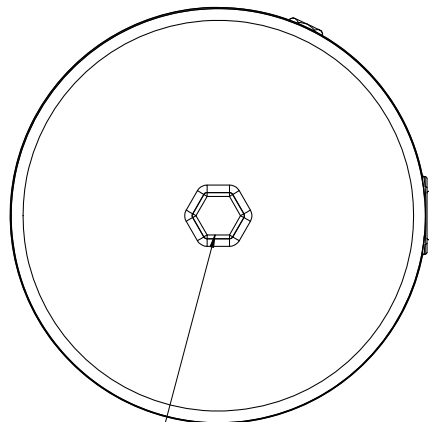
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.8-2.6/1.3 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Frame	56C	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	56

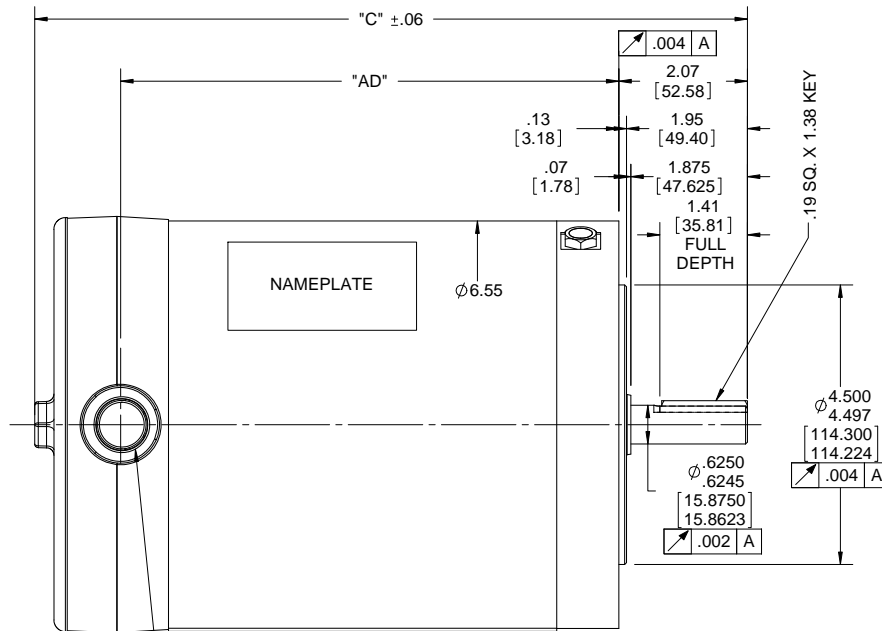
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	13.15 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	12.22 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	2.07 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01ME	Outline Drawing	028942-700

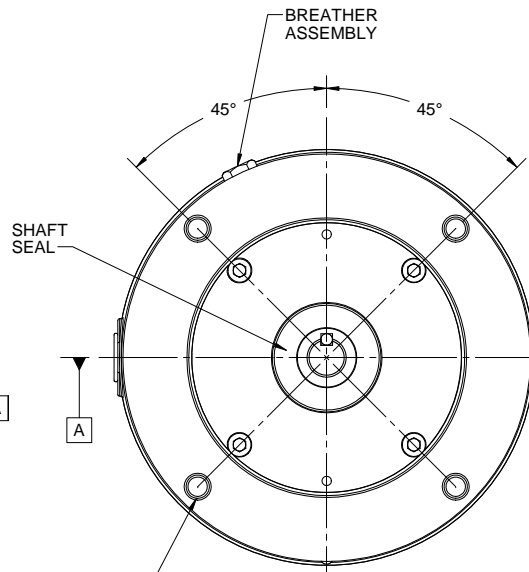
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3/4" HEX DRIVER
FOR COVER REMOVAL



1/2-14 NPT CONDUIT
HOLE (PLUGGED)



(4) 3/8-16 UNC-2B X .56
DEEP ON A Ø5.875 B.C.

DASH NO.	"C"	"AD"
525	10.47	7.00
550	10.72	7.25
575	10.97	7.50
600	11.22	7.75
625	11.47	8.00
650	11.72	8.25
675	11.97	8.50
700	12.22	8.75
750	12.72	9.25
800	13.22	9.75

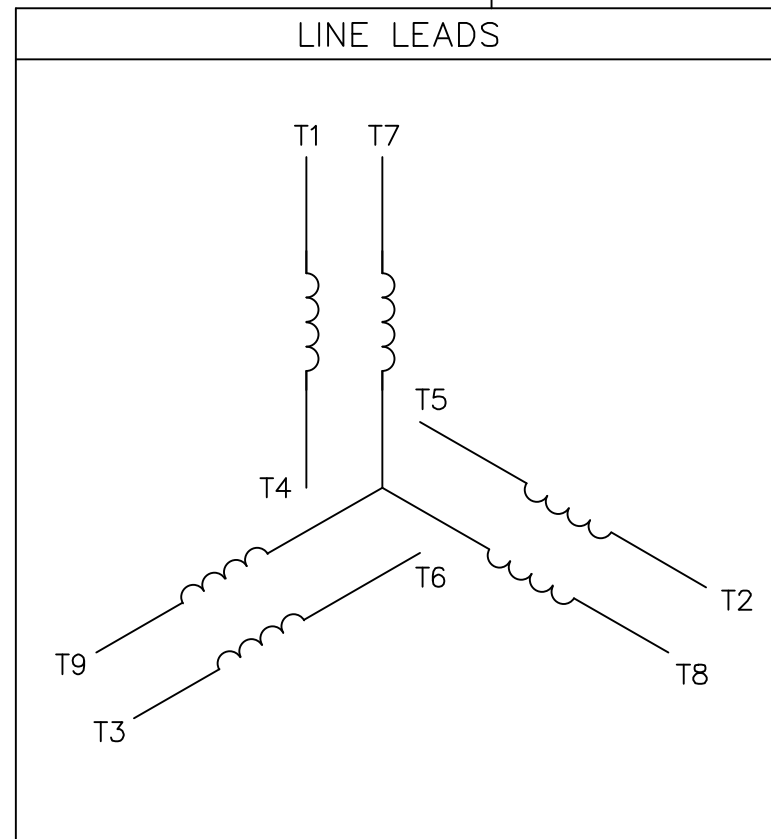
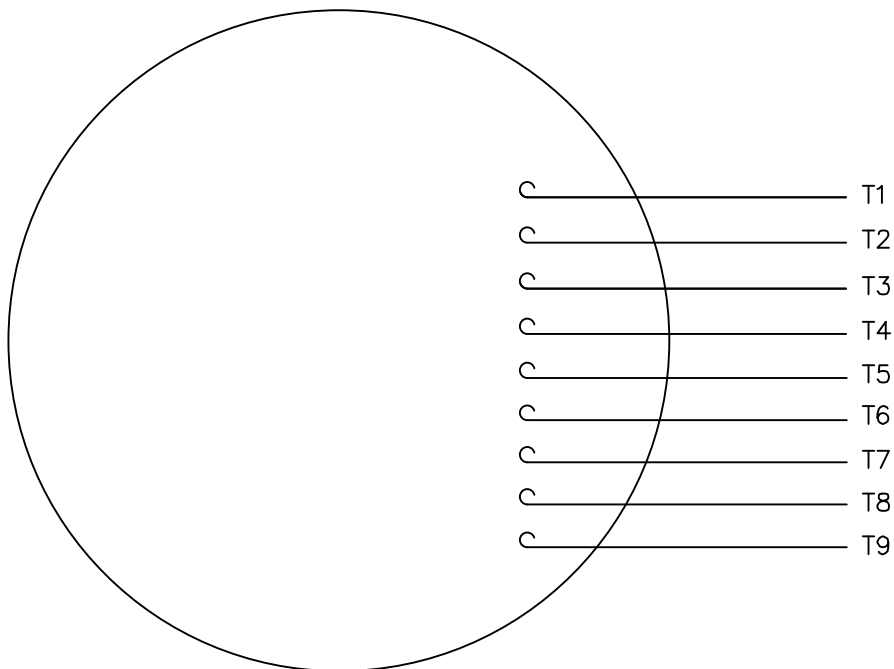
DRAWING REVISION D	REVISION BY AS	DATE 05/04/2017
ECO ECO-0123079	APPROVED BY JD	DATE 05/04/2017
ECO DESCRIPTION ADDED ITEM # 800 & PLUGGED CONDUIT HOLE <small>© COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>		

TOLERANCES UNLESS OTHERWISE SPECIFIED:		
DEC.	INCH	mm
.X	±0.1	[±2.5]
.XX	±0.03	[±0.76]
.XXX	±0.005	[±0.127]
.XXXX	±0.0005	[±0.0127]
REMOVE BURRS & BREAK SHARP		
EDGES: .003/.015 [0.076/.381] X 45°		
CORNER FILLETS: R.02 [51]		
MACHINED SURFACES: 200 $\sqrt{5.1}$		
mm SHOWN IN [BRACKETS]		

DRAWN BY LST 1/9/09	DATE
APPROVED BY	DATE
REFERENCE	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION	
OUTLINE TENV ROUND "C" FACE	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER 028942
	SHEET 1 OF 1

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

CERTIFICATION DATA SHEET

Model#: 56T34V5313 A WINDING#: T632233 NR 3
 CONN. DIAGRAM: 005010.01ME ASSEMBLY: F1 ONLY
 OUTLINE: 028942-700

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&3/4	.75&.56	3600	3450&2850	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	2.8-2.6/1.3&2.4/1.2	LINE OR INVERTER	CONTINUOUS	F4	1.15/1.15	40	3300

FULL LOAD EFF: 85.5	3/4 LOAD EFF: 83	1/2 LOAD EFF: 79.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 85	3/4 LOAD PF: 81.9	1/2 LOAD PF: 73.8	0	SQ CAGE INV RATED	1.1 / .5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24 LB-FT	24.4 / 12.2	78.3 LB-FT 326	111.4 LB-FT 464	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0.074 LB-FT^2	- LB-FT^2	10 SEC.	-	0 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	STANDARD 56	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

INVERTER TORQUE: CONSTANT 3:1 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

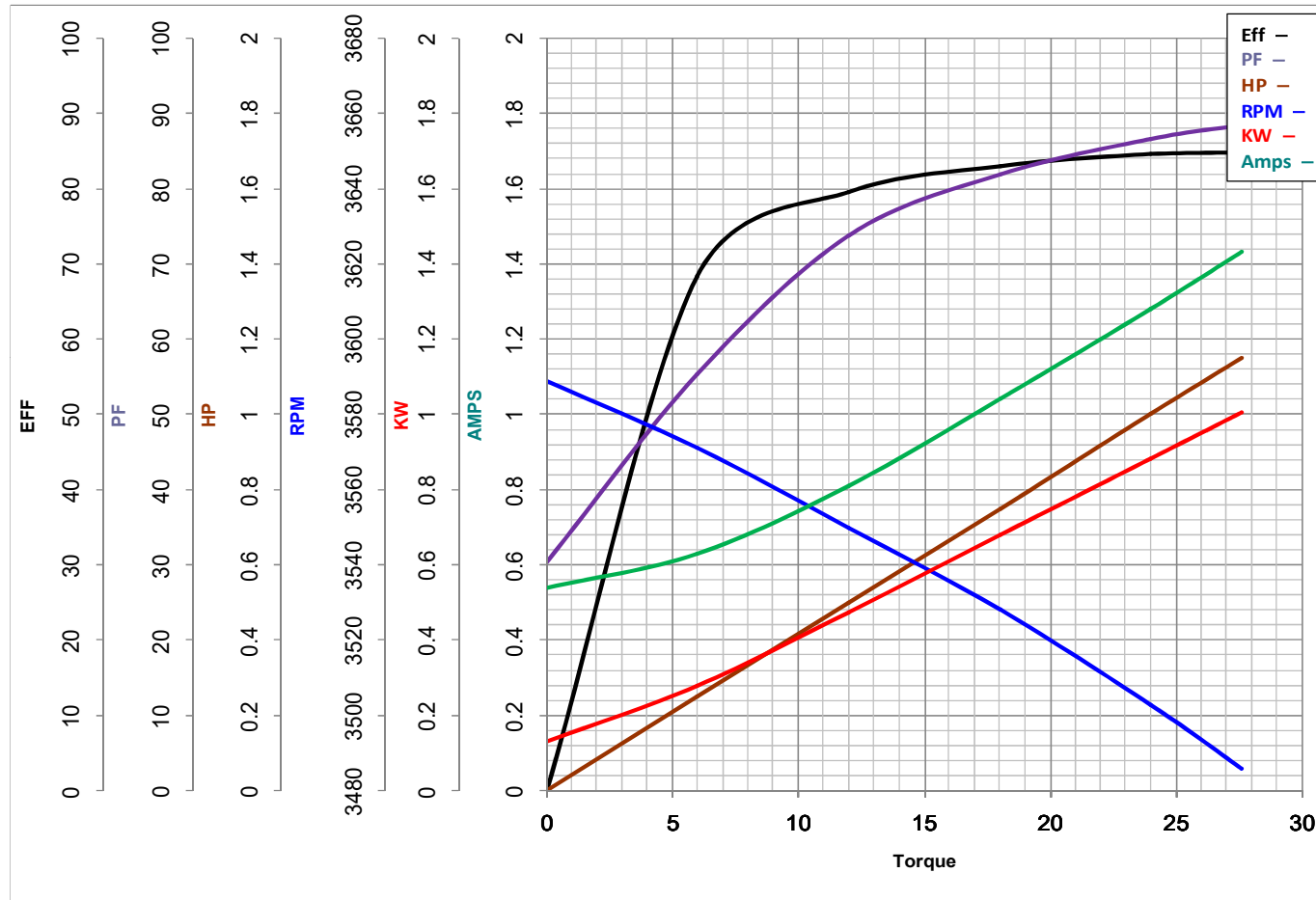
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MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer _____ Curve at 460 Volts HP 1&43528 PHASE 3
 Model No 56T34V5313 60 HZ
1 HP VOLTS 208-230/460&190/380
 Catalog No N482A HZ 60&50 RPM 3450&2850



		Torque in Oz.Ft		
FL TORQUE	<u>24</u>	Oz.Ft	FL AMPS	<u>2.8-2.6/1.3</u>
BD TORQUE	<u>111.4</u>	Oz.Ft	PU TORQUE	<u>78.2</u> Oz.Ft
LR TORQUE	<u>78.3</u>	Oz.Ft	LR AMPS	<u>12.2</u>
WINDING	T632233-3		Date	1/3/2019