

PRODUCT INFORMATION PACKET

Model No: 056T17V5327
Catalog No: N641
1/3,1800,TENV,56C,3/60/208-230/460
Washdown Duty



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Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.4-1.3/0.65 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	72 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	56C
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

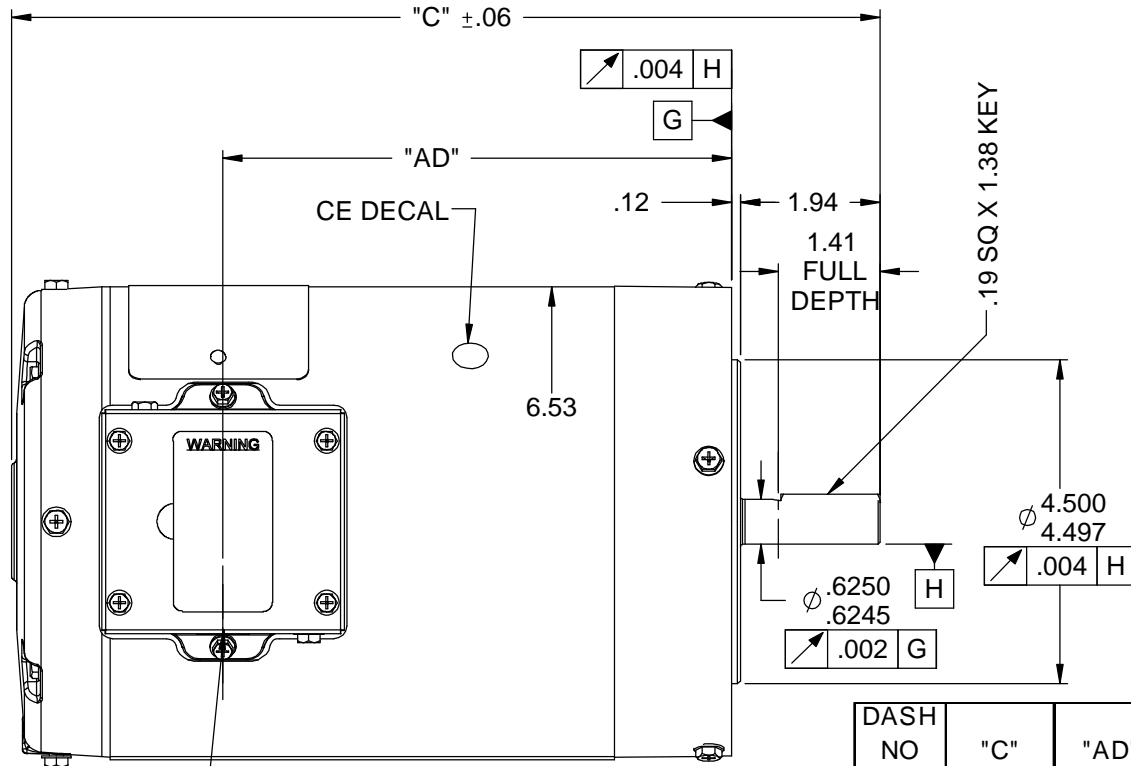
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	9.56 in	Frame Length	4.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.94 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	028834ME-450	Connection Diagram	00501001ME

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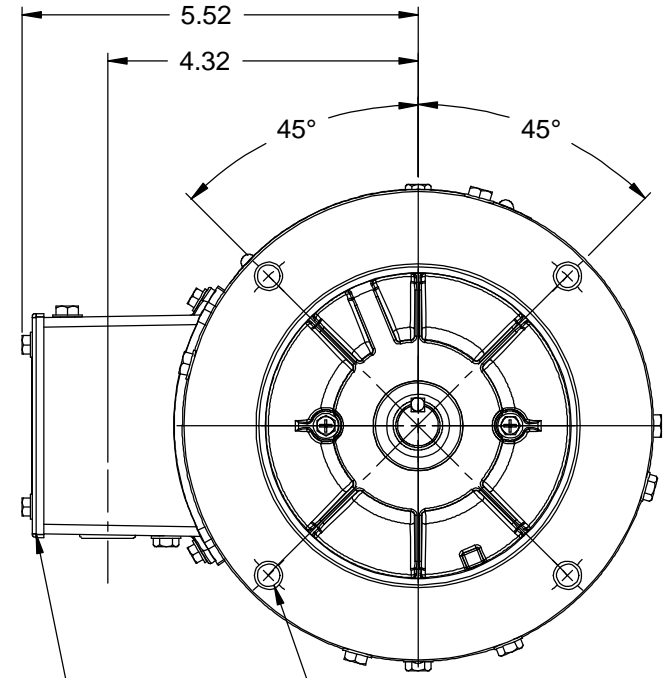
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(1) 1/2-14 NPT (PLUGGED)

- NOTE:
- 1) SHAFT SEALS & V-RINGS
 - 2) PLUGGED DRAIN HOLES IN BOTH ENDBELLS & CONDUIT BOX
 - 3) GASKETS THROUGHOUT
 - 4) STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE

DASH NO	"C"	"AD"
450	9.56	4.50
500	10.06	5.00
550	10.56	5.50
600	11.06	6.00
650	11.56	6.50
700	12.06	7.00
750	12.56	7.50
800	13.06	8.00

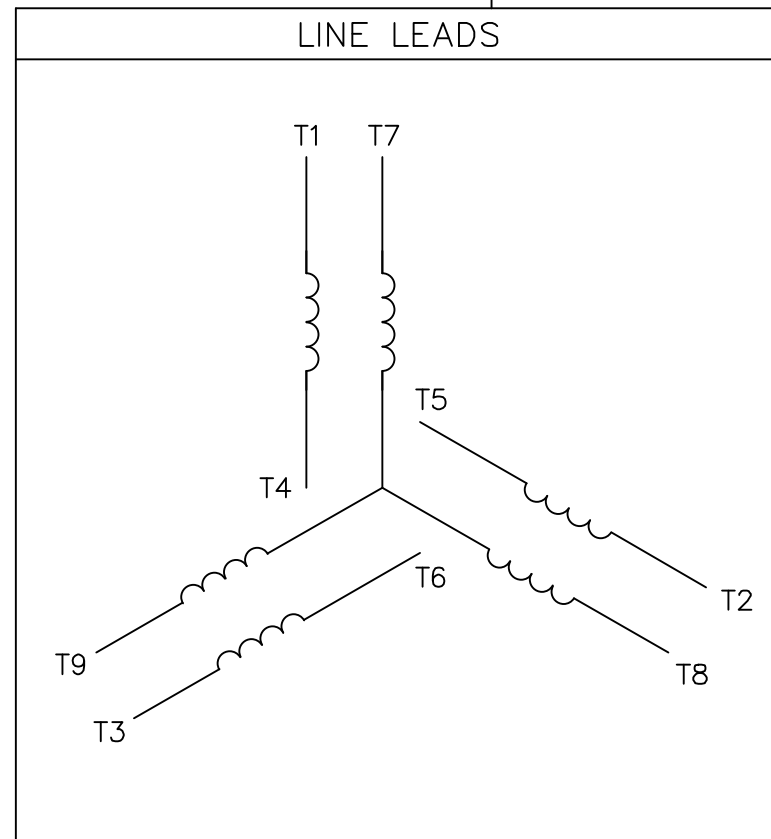


(4) 3/8-16 UNC-2B x .56 DEEP ON A Ø5.875 B.C

DECAL CONNECTION UNDER COVER

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DJ 04/21/08	
		DEC	INCHES		CHK LST 04/22/08	
		.X	±.1	TITLE OUTLINE - 56C FRAME TENV - "C" FACE MAT'L WASHGUARD	APPR	
		.XX	±.03		SCALE 3:8	
		.XXX	±.005		REF	
01 ADDED PLUGGED TO DRAIN HOLE NOTE ISAAC 12-4474		GS	9/17/12		FMF 56T17V5326	
NO REVISION		BY & DATE	CHK ANG ±1/2°		PAGE OF	
THIRD ANGLE PROJECTION				FINISH	SIZE	DRAWING NO
				RFP	A	028834ME
				PREV		REV 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	SIZE	DRAWING NO.	REV.
			RFP	04/12/02		CAD FILE 00501001ME	A	005010-01ME	
			DIST						

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TITLE EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR
MAT'L. DECAL - 004014

CERTIFICATION DATA SHEET

Model#: 56T17V5327 A WINDING#: T634241 NR 3
 CONN. DIAGRAM: 00501001ME ASSEMBLY: F1 ONLY
 OUTLINE: 028834ME-450

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	56C	TENV	L	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	208-230/460	1.4-1.3/.65	LINE OR INVERTER	CONTINUOUS	F4	1.15	40	3300

FULL LOAD EFF: 72	3/4 LOAD EFF: 74.5	1/2 LOAD EFF: 68	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 66	3/4 LOAD PF: 52.9	1/2 LOAD PF: 39.6	0	SQ CAGE INV RATED	1.1 / .5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
16 LB-FT	8.4 / 4.2	45 LB-FT 281	72 LB-FT 450	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	0.045 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	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	WHITE - LEESON (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE	POLYREX EM	T	NONE	NONE	303 STAINLESS (C-501)	ROLLED STEEL
BALL	BALL						
6205	6203						

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

If Inverter equals NONE, contact factory for further information

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INVERTER TORQUE: CONSTANT 1000:1
INV. HP SPEED RANGE: 1.5 X BASE SPEED
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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