

PRODUCT INFORMATION PACKET

Model No: 056T11O5307
Catalog No: X524
1-1/2,1140,OPEN,56Y,3/60/575
Condenser Fans



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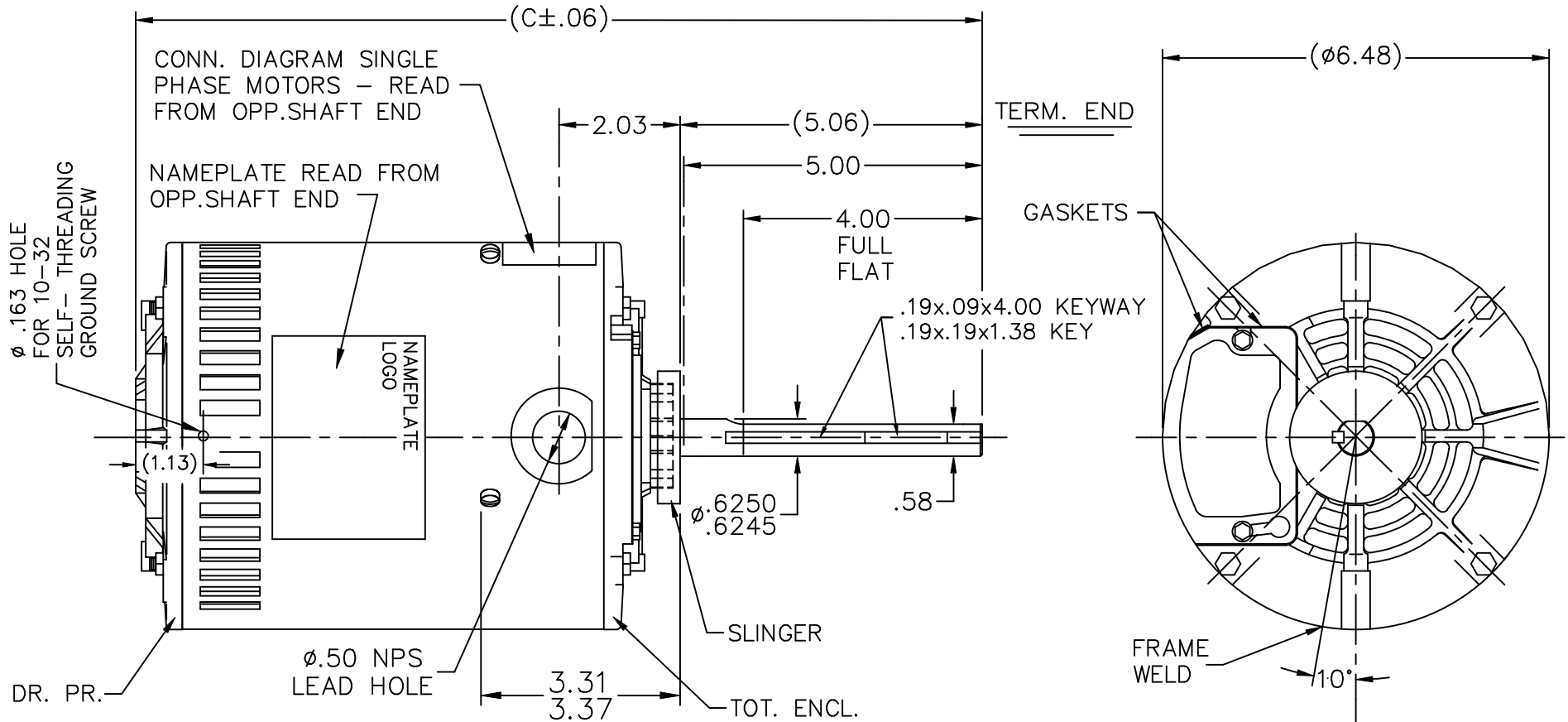
Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	575 V
Current	2.2 A	Speed	1140 rpm
Service Factor	1	Phase	3
Efficiency	78.5 %	Duty	Continuous
Insulation Class	H	Design Code	NO DESIGN CODE
KVA Code	J	Frame	56Z
Enclosure	Open Air Over	Overload Protector	Automatic
Ambient Temperature	70 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized (Not Protector)
CSA	Y	CE	N
IP Code	10		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Round Belly Band	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	15.68 in	Frame Length	8.56 in
Shaft Diameter	0.625 in	Shaft Extension	5.06 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-100153-856	Connection Diagram	A-EE7335B

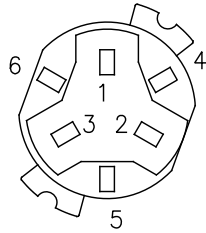
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DASH	FRAME	C		DASH	FRAME	C	
656	56-65	13.68		856	56-85	15.68	
706	"-70	14.18		906	"-90	16.18	
756	"-75	14.68		956	"-95	16.68	
806	"-80	15.18					

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN MJD 03-27-1998						
				DEC.	INCHES		CHK	ML	04-02-1998				
				.X	$\pm .1$	TITLE OUTLINE 56 FR. MAT'L. FINISH	APPD	GK	04-02-1998	SCALE	3=8		
7	ADDED LOCATING SCREWS	ISAAC	07-1469	RJW	08-31-2007		EH	.XX	$\pm .03$	REF			
6	REDRAWN IN AUTOCAD			TAT	08-03-2004		ML	.XXX	$\pm .005$	FMF			
5	REDRAWN ON CADD			MJD	04-02-1998			.XXXX	$\pm .0005$	PREV			
NO.	REVISION			BY & DATE			CHK	ANG	$\pm 7'30''$				
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				DIST	WP				A	100153			7

SINGLE VOLTAGE – THREE PHASE WITH OVERLOAD PROTECTOR

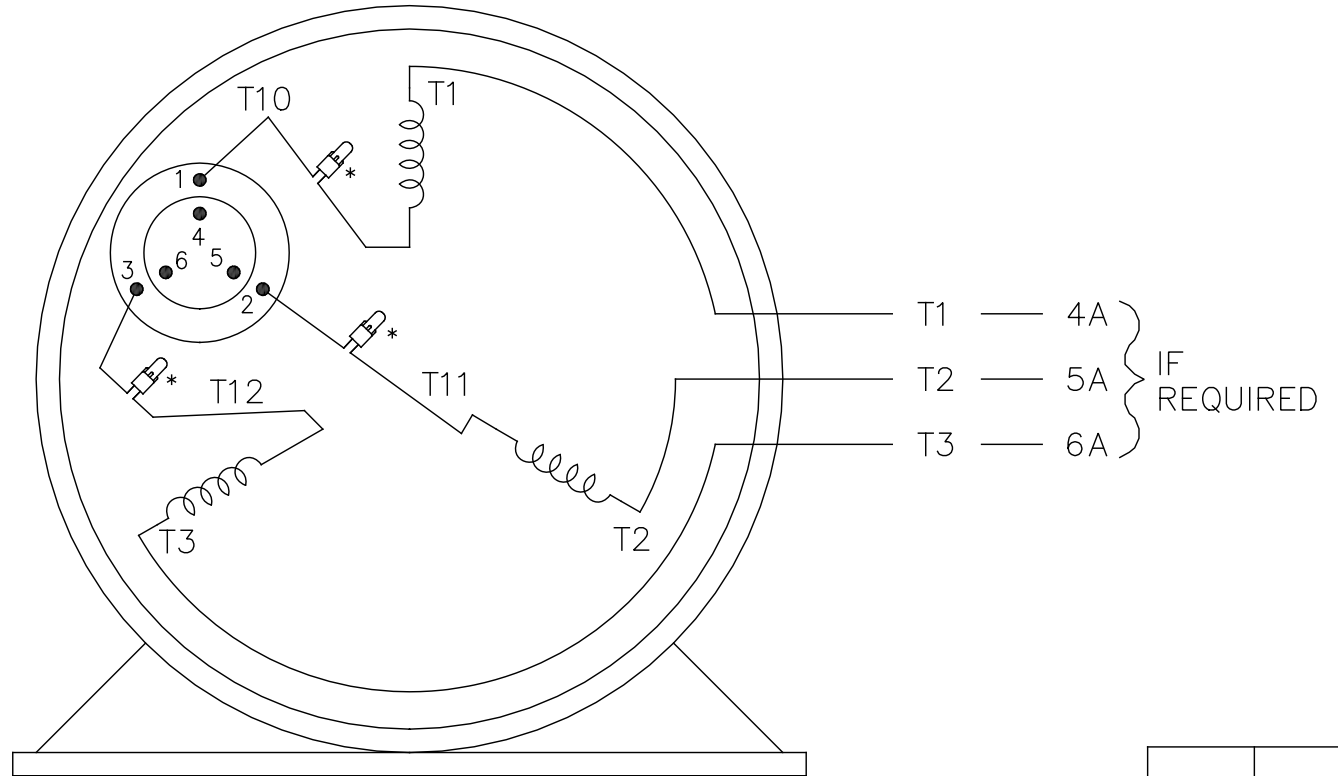


NOTE:
ACTUAL PROTECTOR
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS

NOTE:

WEST PLAINS

LEADS WITH TERMINALS
SHOULD BE CONNECTED
TO INBOARD SIDE OF
TERMINAL BOARD.



–TO REVERSE ROTATION–
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS

VIEW OF TERMINAL END

OPTIONAL CORD
CONNECTION

L1 — WHITE —
L2 — RED —
L3 — BLACK —

		T6CK
T6CA	T6BM	
T4CC	T4AY	
T4C	T2DL	
T6D	T2H	

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

NO.	REVISION	BY & DATE	CHK	ANG	±	-	TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN KL 08-25-1993
							DEC.	INCHES		
11	ADDED THE OPTIONAL CORD CONNECTION	JAH 11-12-2014	RD							CHK RD 11-12-2014
10	PRESSURE CONNECTORS ADDED (QTY 3)	PVR 07-09-2014	GR							APPD RD 11-12-2014
9	ADDED 4A, 5A, & 6A "IF REQUIRED" MU44987	MSG 01-07-2002	SAS	.X	±	-				SCALE 1=1
8	ADDED ACTUAL PROTECTOR VIEW CN 17481	KL 05-18-1994		.XX	±	-			TITLE CONNECTION DIAGRAM	REF
7	REWORDED WEST PLAINS NOTE – PER WEST PLAINS	DD 01-12-1994		.XXX	±	-			SINGLE VOLT – 3Ø WITH OVERLOAD PROT.	
6	REDRAWN ON CAD – "WEST PLAINS" NOTE ADDED	KL 08-26-1993		.XXXX	±	-			MAT'L.	FMF
					±	-			FINISH	PREV

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RFP	CAD FILE EE7335B	SIZE A	DRAWING NO. EE7335B	PAGE OF	REV. 11
DIST LB-WP					

CERTIFICATION DATA SHEET

Model#: 56T1105307 F WINDING#: ZT608 DR 2
 CONN. DIAGRAM: A-EE7335B ASSEMBLY: F1 ONLY
 OUTLINE: A-100153-856

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1200	1140	56Z	OPAO	J	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	2.2	ACROSS THE LINE	CONTINUOUS	H1	1.0	70	3300

FULL LOAD EFF: 78.5	3/4 LOAD EFF: 78.5	1/2 LOAD EFF: 78	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 66.8	3/4 LOAD PF: 55	1/2 LOAD PF: 42.5	75.5	SQ CAGE IND RUN	1.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6.8 LB-FT	11.4	17.7 LB-FT 260	22.5 LB-FT 331	70

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
63 dBA	73 dBA	0.11 LB-FT^2	25 LB-FT^2	15 SEC.	2	40 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	ROUND BELLY BAND	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE	DC 44M	SGL SPL EXT	0.625 x 5.00 IN SEKF WITH 4.00 IN FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
BALL	BALL						
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	NONE	FALSE	NONE VOLTS
NONE	AUTOMATIC	NONE	NONE			

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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