

PRODUCT INFORMATION PACKET

Model No: 056T8O5304
Catalog No: X527
1,0850,OPEN,56Y,3/60/575
Condenser Fans



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Nameplate Specifications

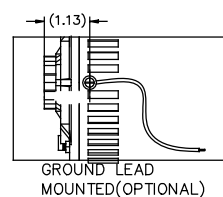
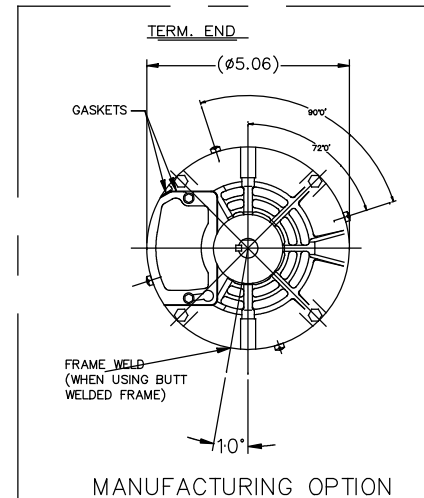
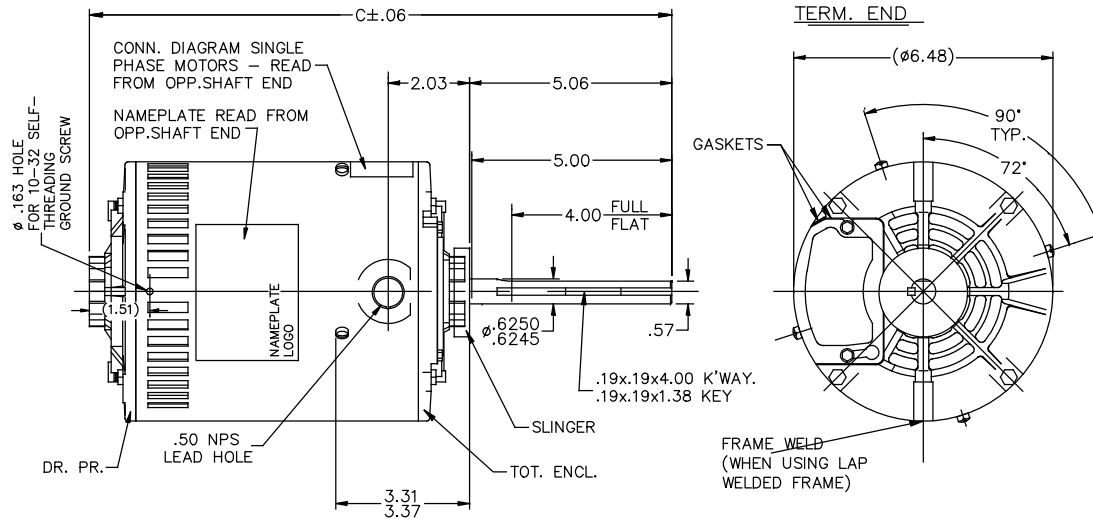
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	575 V
Current	2.1 A	Speed	850 rpm
Service Factor	1	Phase	3
Efficiency	74.5 %	Duty	Continuous
Insulation Class	H	Design Code	NO DESIGN CODE
KVA Code	J	Frame	56Y
Enclosure	Open Air Over	Overload Protector	Automatic Lock Rotor Only
Ambient Temperature	70 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	10		

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	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	17.06 in	Frame Length	9.56 in
Shaft Diameter	0.625 in	Shaft Extension	5.06 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-100327-956	Connection Diagram	A-EE7337

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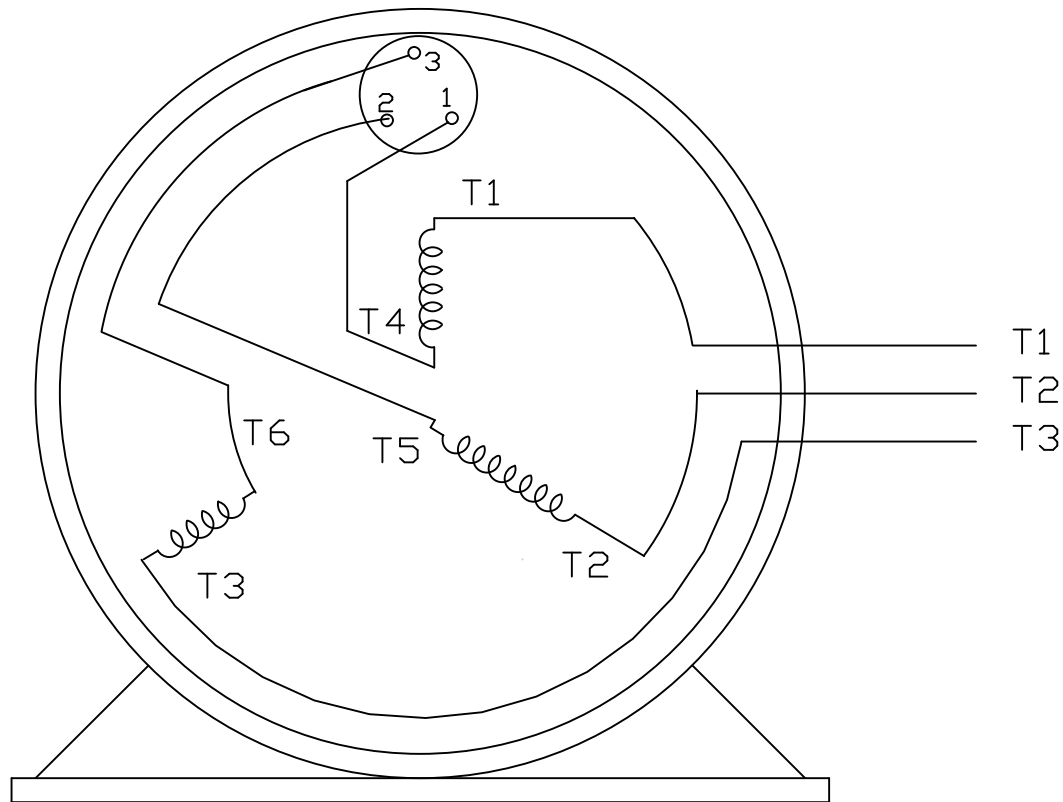


DASH	FRAME	C	DASH	FRAME	C
656	56-65	14.06	856	56-85	16.06
706	"-70	14.56	906	"-90	16.56
756	"-75	15.06	956	"-95	17.06
806	"-80	15.56			

7	ADDED BUTT WELD VIEW	MDP 04-17-2017		TOLERANCES UNLESS SPECIFIED	 Regal Beloit America, Inc.	DRAWN GK 03-24-1989
6	MOVED FR. WELD TO 6:00	MDP 04-06-2017		DEC. INCHES		CHK MB 03-27-1989
5	ADDED OPTIONAL VIEW FOR GRD LEAD	SVL 09-17-2012	ML	.X ±.1	TITLE OUTLINE	APPD FG 03-27-1989
4	REDRAWN IN AUTOCAD	TAT 08-03-2004		.XX ±.03		SCALE 3=8
3	CLARIFIED FRAME PLUG LOCATION CN 24300-165	MH 08-27-1997		.XXX ±.005		REF
2	CHANGED LOC. OF SCREW ON FRAME CN 21725-737	PGK 08-12-1996		.XXXX ±.0005	MAT'L.	FMF
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"	FINISH	PREV


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				DIST WP					

THREE PHASE - SINGLE VOLTAGE MOTOR
WITH OVERLOAD PROTECTOR



VIEW OF TERMINAL END

T6CK
T4CC
T2DL
T4C

			125 $\sqrt{\text{V}}$ SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL ON XX± XXX±.005 XXXX±.0005 ANGLES±	
			MATL SPEC		DRAWN BY LZ 1-6-94
			FINISH	 MARATHON ELECTRIC WAUSAU, WISCONSIN 54401	
6		REDRAWN	LZ		CHKD BY
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM THREE PHASE - SGL. VOLTAGE	DRWG NO A- EE7337
				CADD FILE NO.	EE7337

CERTIFICATION DATA SHEET

Model#: 56T805304 F **WINDING#:** ZT804 NONE 2
CONN. DIAGRAM: A-EE7337 **ASSEMBLY:** F1 ONLY
OUTLINE: A-100327-956

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	.75	900	850	56Y	OPAO	J	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	2.1	ACROSS THE LINE	CONTINUOUS	H1	1.0	70	3300

FULL LOAD EFF: 74.5	3/4 LOAD EFF: 73.5	1/2 LOAD EFF: 69	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 52.5	3/4 LOAD PF: 44	1/2 LOAD PF: 34	70	SQ CAGE IND RUN	1.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6 LB-FT	7.2	13 LB-FT 217	17 LB-FT 283	150

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.14 LB-FT^2	0 LB-FT^2	20 SEC.	0	48 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	AUT LCK RTR ONLY	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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