

PRODUCT INFORMATION PACKET

Modal No: 056T34D5357
Catalog No: B193
3,3450,DP,56HZ,3/60/208-230/460
Fan and Blower



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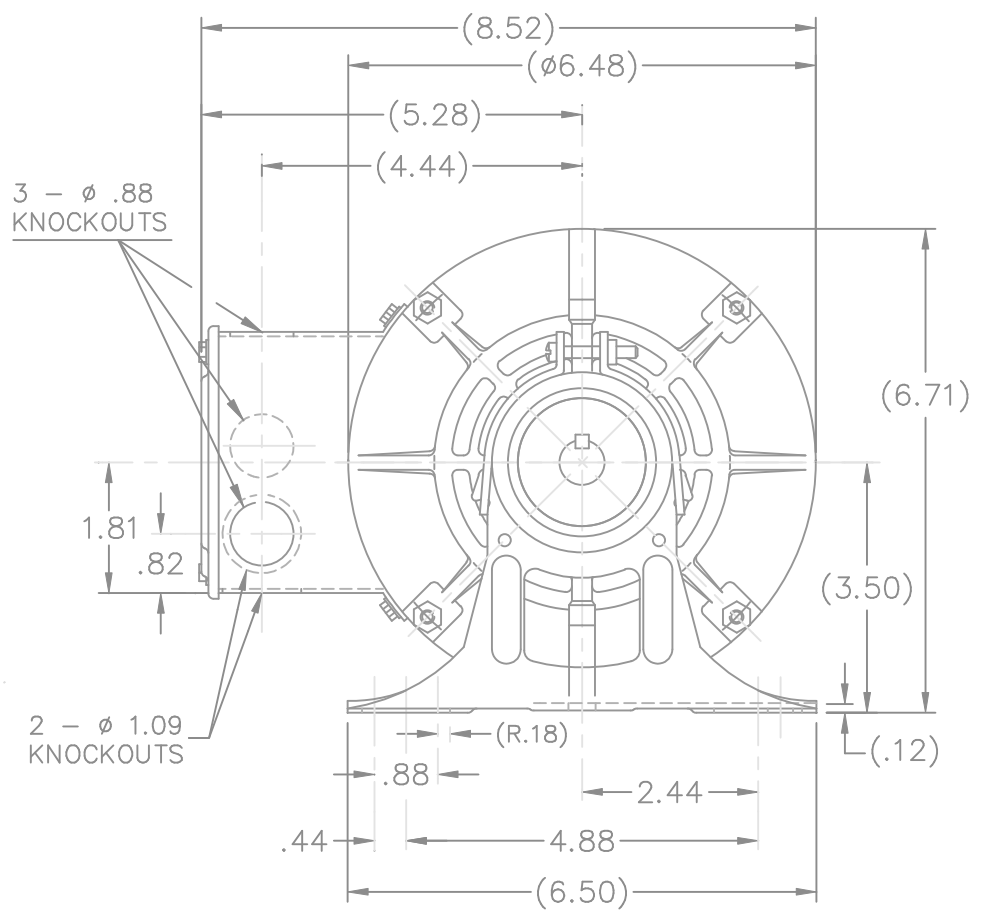
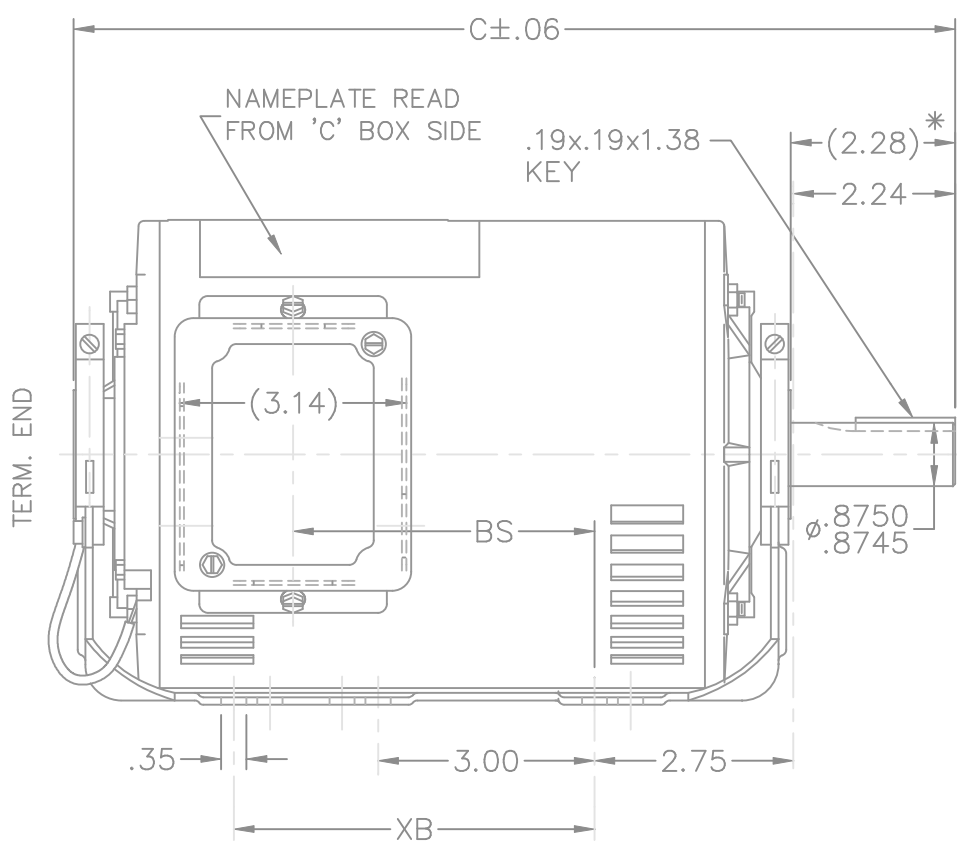


Nameplate Specifications

Output HP	3 Hp	Output KW	2.24 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	8.9-8.4/4.2 A	Speed	3450 rpm
Service Factor	1.15	Phases	3
Efficiency	84 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	B
KVA Code	J	Frame	56HZ
Enclosure	DP	Overload Protector	AUTOMATIC
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6205	UL	Recognized (Not Protector)
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	2	Rotation	REV
Mounting	RESILIENT BASE	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	SGL SPL EXT
Overall Length	12.22 in	Frame Length	7.56 in
Shaft Diameter	0.63 in	Shaft Extension	2.28 in
Assembly/Box Mounting	F1 ONLY		



DASH	FRAME	C	XB	BS	DASH	FRAME	C	XB	BS
656	56-65	11.22	0	3.18	856	56-85	13.22	5.00	5.18
706	"-70	11.72	0	3.68	906	"-90	13.72	5.00	5.68
756	"-75	12.22	5.00	4.18					
806	"-80	12.72	5.00	4.68					

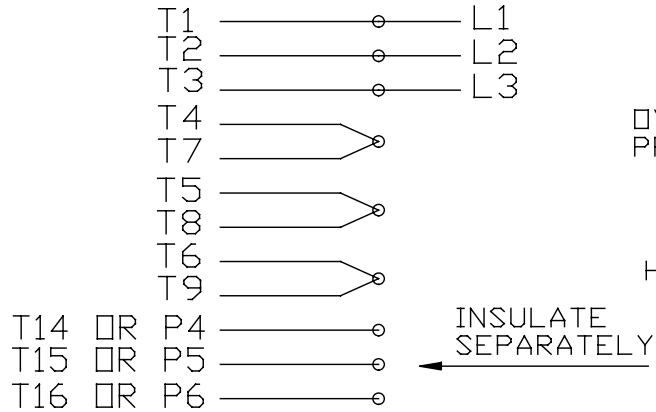
* DIMENSION IS FROM RESILIENT RING END CAP TO END OF SHAFT
 NOTE:
 1. MOTOR MUST BE ROTATED TO .75" STRIP SOCKET CLEARANCE FOR GROUND SCREW, MAXIMUM (10 DEGREES).

			TOLERANCES UNLESS SPECIFIED			DRAWN SMC 02-17-1992					
			DEC.	INCHES		CHK	ET 02-17-1992	APPD	MJ 02-17-1992		
4	UPDATED DRAWING		RJW	03-28-2007	.X	±.1	SCALE 3=8				
3	REDRAWN IN AUTOCAD		TAT	09-01-2004	ML	.XX	±.03	REF			
2	ADDED NOTE	CN 24378	PGK	06-11-1997		.XXX	±.005	FMF			
1	NEW DRAWING	3868949	SMC	02-17-1992		.XXXX	±.0005	PREV			
NO.	REVISION	BY & DATE	CHK	ANG	FINISH						
			RFP		CAD FILE 100573		SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST	WP			A	100573			4

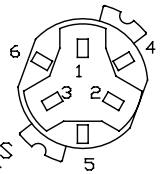
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EE7335

HIGH VOLTAGE CONNECTIONS

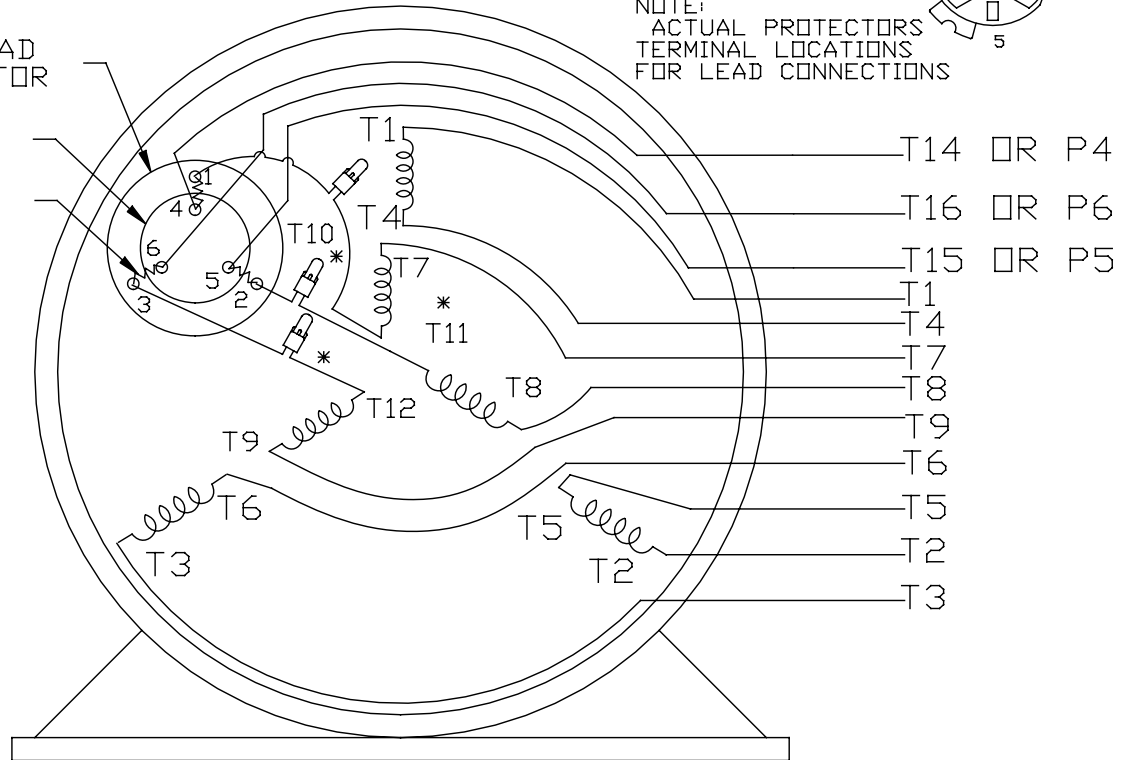


THREE PHASE - DUAL VOLTAGE MOTOR WITH OVERLOAD PROTECTOR

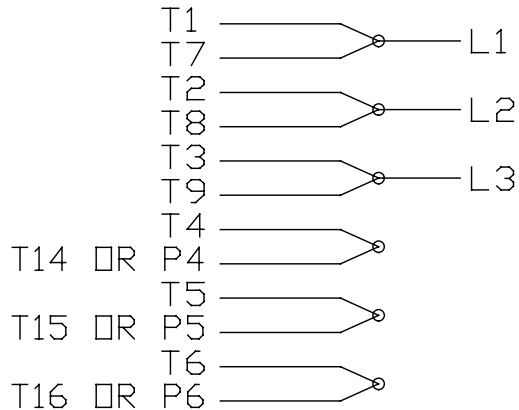


NOTE:
ACTUAL PROTECTORS
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS

OVERLOAD
PROTECTOR
DISC
HEATER



LOW VOLTAGE CONNECTIONS



VIEW OF TERMINAL END

T2K
T4D
T6AN

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN	SCALE	REV.
				DEC.	INCHES				
17	CHANGED LOGO FROM MARATHON TO REGAL	KIR 02/16/16	AB	DEC.	INCHES	REGAL ™ Regal Beloit America, Inc.	KL	08-09-1993	
16	PRESSURE CONNECTORS QUANTITY WAS 6	PVR 10/29/13	GR	.X	±.1		CHK	ML	08/10/1993
15	PRESSURE CONNECTORS ADDED	GR 03/04/13	SR	.XX	±.01	TITLE 3Ø-DUAL VOLT WITH OVERLOAD PROTECTO	APPD	GK	08/10/1993
14	ADDED ACTUAL PROECTOR VIEW CN 17481	KL 05/18/94		.XXX	±.005		SCALE		1=1
13	REDRAWN IN AUTO CAD	KL 08/11/93		.XXXX	±.0005	MAT'L.	REF		
					±1/2*		PREV		
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				DIST			A	EE7335	17

CERTIFICATION DATA SHEET

Model#: 56T34D5357 B WINDING#: ZT201 DR 3
 CONN. DIAGRAM: A-EE7335 ASSEMBLY: F1 ONLY
 OUTLINE: A-100573-756

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3&2	2.24&1.49	3600	3450&2850	56HZ	DP	J	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208-230/460#190/380	8.9-8.4/4.2&7/3.5	ACROSS THE LINE	CONTINUOUS	B3	1.15/1.15	40	3300

FULL LOAD EFF: 84&84	3/4 LOAD EFF: 84	1/2 LOAD EFF: 82.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 82&81	3/4 LOAD PF: 76	1/2 LOAD PF: 65	81.5	SQ CAGE IND RUN	4 / 2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	60 / 30	10 LB-FT 222	15 LB-FT 333	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
68 dBA	78 dBA	0.04 LB-FT^2	5 LB-FT^2	8 SEC.	2	32 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	SGL SPL EXT	0.875 x 2.25 IN SEK	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6205	6205						

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

If Inverter equals NONE, contact factory for further information

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N
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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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