

# PRODUCT INFORMATION PACKET

Model No: 056T11O5302  
Catalog No: X502  
1,1140,OPEN,56Y,3/60/200-230/460  
Condenser Fans



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### Nameplate Specifications

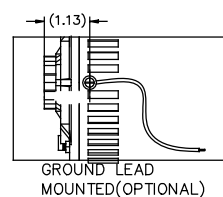
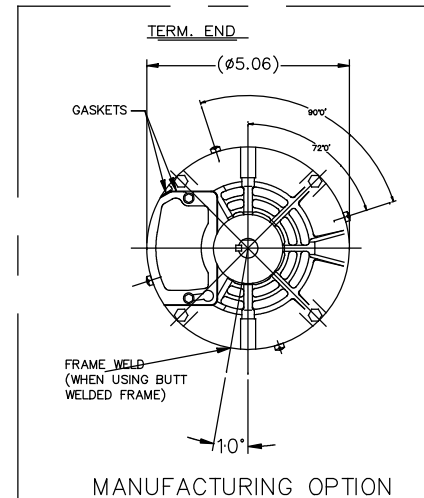
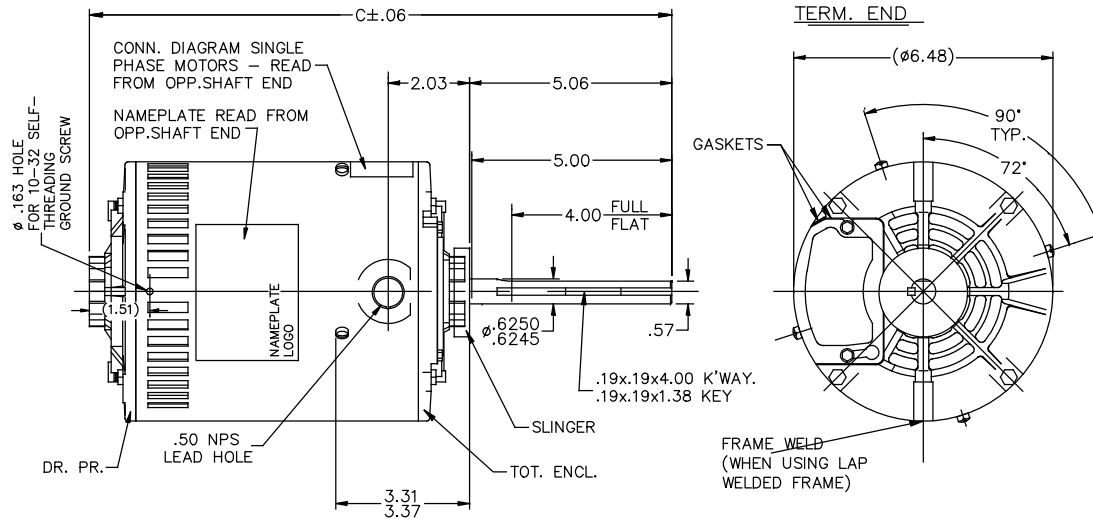
Output HP	<b>1 HP</b>	Output KW	<b>0.75 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>200-230/460 V</b>
Current	<b>4.0-4.2/2.1 A</b>	Speed	<b>1140 RPM</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>75.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>H</b>	Design Code	<b>NO DESIGN CODE</b>
KVA Code	<b>K</b>	Frame	<b>56Y</b>
Enclosure	<b>Open Air Over</b>	Overload Protector	<b>Automatic Lock Rotor Only</b>
Ambient Temperature	<b>70 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>10</b>		

### Technical Specifications


Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Round Belly Band</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>Single Special Extension</b>
Overall Length	<b>15.06 in</b>	Frame Length	<b>7.56 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>5.06 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>A-100327-756</b>	Connection Diagram	<b>A-102007-1</b>

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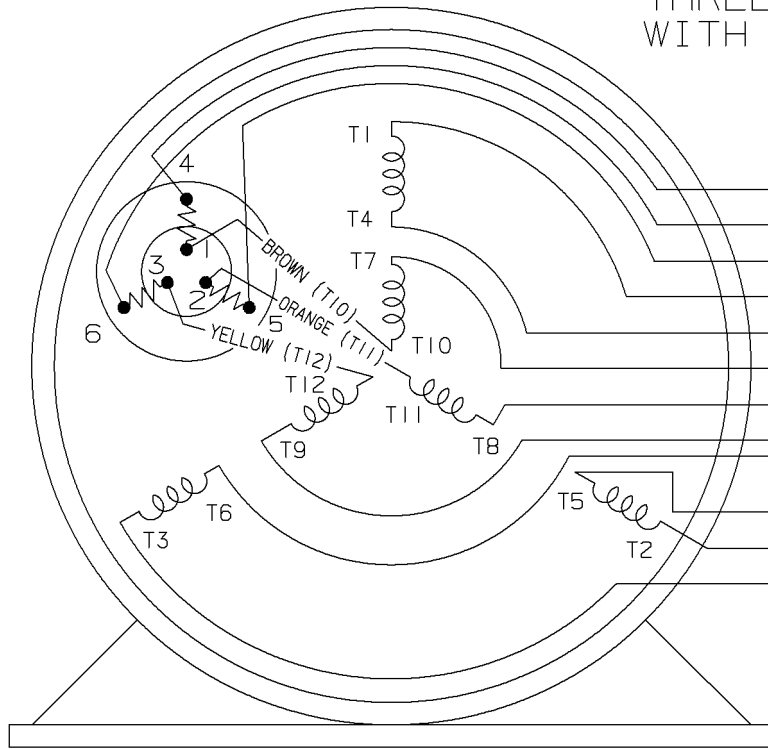


DASH	FRAME	C	DASH	FRAME	C
656	56-65	14.06	856	56-85	16.06
706	"-70	14.56	906	"-90	16.56
756	"-75	15.06	956	"-95	17.06
806	"-80	15.56			

7	ADDED BUTT WELD VIEW	MDP 04-17-2017		TOLERANCES UNLESS SPECIFIED	 <b>Regal Beloit America, Inc.</b>	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

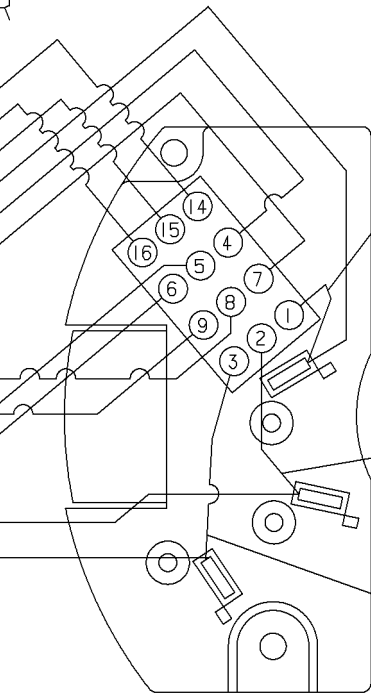
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### THREE PHASE-DUAL VOLTAGE WITH THERMAL PROTECTOR



VIEW OF TERMINAL END

- (T14) BROWN
- (T16) YELLOW
- (T15) ORANGE
- (T1) RED
- T4
- T7
- T8
- T9
- T6
- T5
- (T2) BLUE
- (T3) BLACK

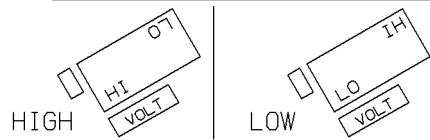


VIEWING BOTTOM OF TERMINAL BOARD

RED  
 NUMBERS SHOWN ON TERM BOARD ARE FOR REF. ONLY.  
 (NUMBERS DO NOT APPEAR ON PARTS.)

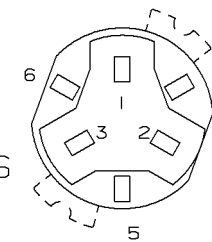
BLUE  
 BLACK

TO CHANGE VOLTAGE, PULL PLUG, ROTATE 180° AND REINSERT



CONNECT LINES TO L1, L2 & L3

NOTE:  
 ACTUAL PROTECTORS TERMINAL LOCATIONS FOR LEAD CONNECTIONS



4	06-26-1995	1,2,3 WERE SWITCHED WITH 4,5,6 ON THE TERMINAL CN 20644	BR	✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7°30"			
3	05-18-1994	ADDED ACTUAL PROTECTOR VIEW CN 17481	KL	MATL SPEC				DRAWN BY RM 07-20-1993
2	07-20-1993	REDRAWN ON CADD, ORIGINAL LOST. REV. VCD TO COLORED LEADS CNI3741	RM	REFERENCE DRW.				CHKD BY ET 07-20-1993
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	WAUSAU, WISCONSIN 54401			APPD BY ET 07-20-1993
				DRWG NO A- 102007-1				

SHOP BOOK

PURCHASED

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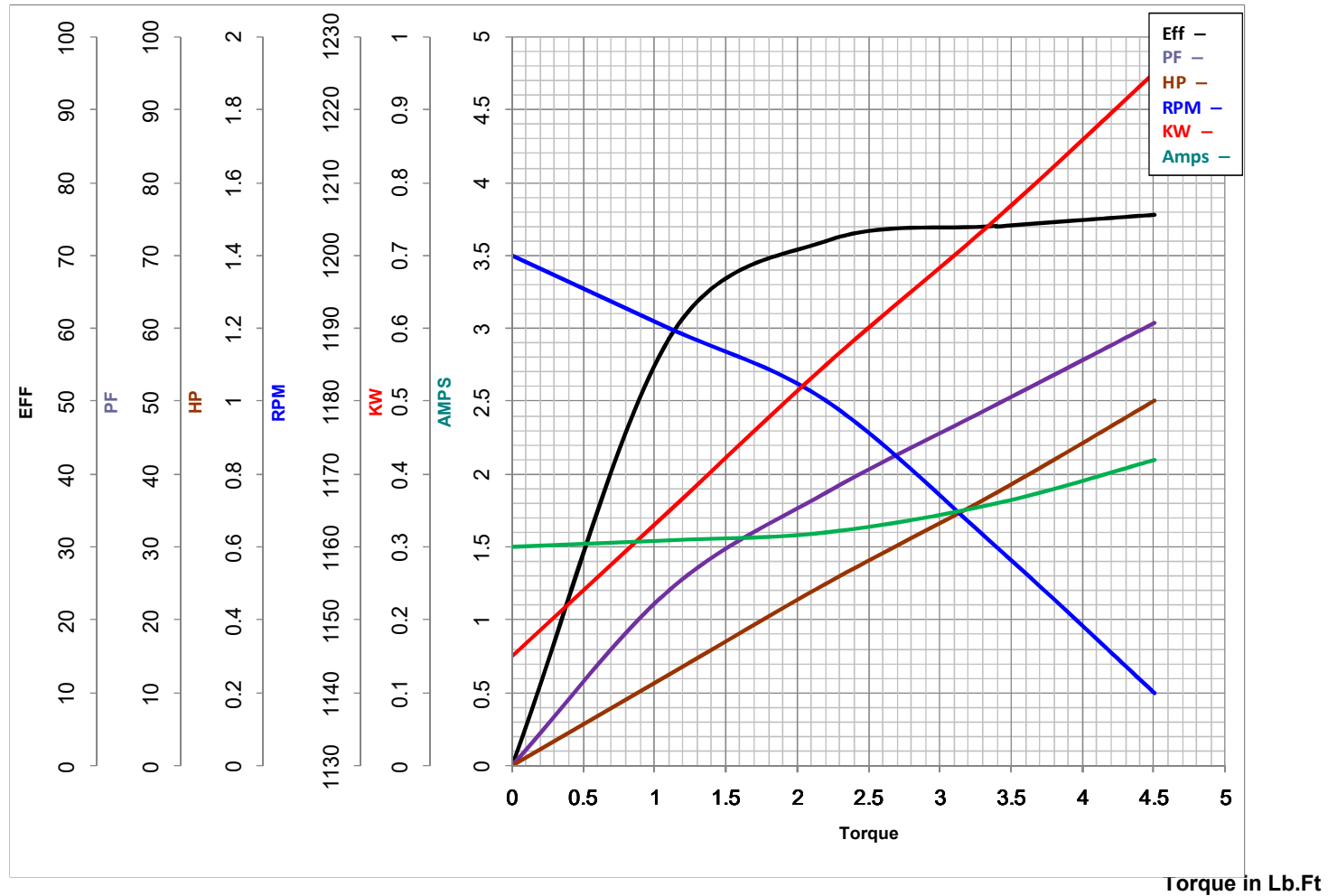
FORM 3531 REV.3 02/07/99

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**MARATHON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer \_\_\_\_\_ Curve at 460 Volts HP 1&0.75 PHASE 3  
 Model No 56T1105302 60 HZ  
1 HP VOLTS 200-230/460&190/380  
 Catalog No X502 HZ 60&50 RPM 1140&950



FL TORQUE	<u>4.5</u>	Lb.Ft	FL AMPS	<u>4-4.2/2.1</u>	
BD TORQUE	<u>16.0</u>	Lb.Ft	PU TORQUE	<u>13.0</u>	Lb.Ft
LR TORQUE	<u>12.4</u>	Lb.Ft	LR AMPS	<u>10.5</u>	
WINDING	ZT610-3		Date	<u>1/23/2019</u>	