

# PRODUCT INFORMATION PACKET

Model No: 056T11O5301  
Catalog No: X501  
3/4,1140,OPEN,56Y,3/60/208-230/460  
Condenser Fans



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### Nameplate Specifications

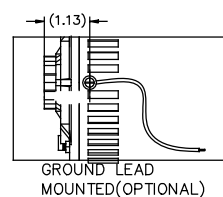
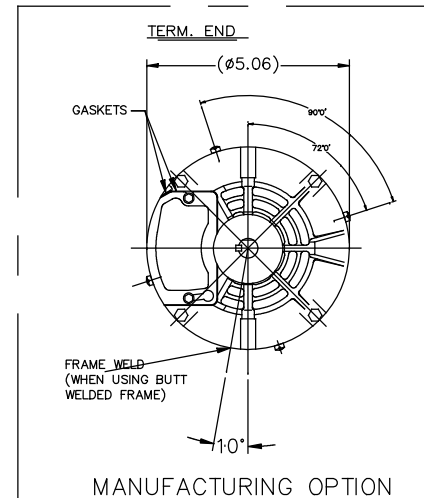
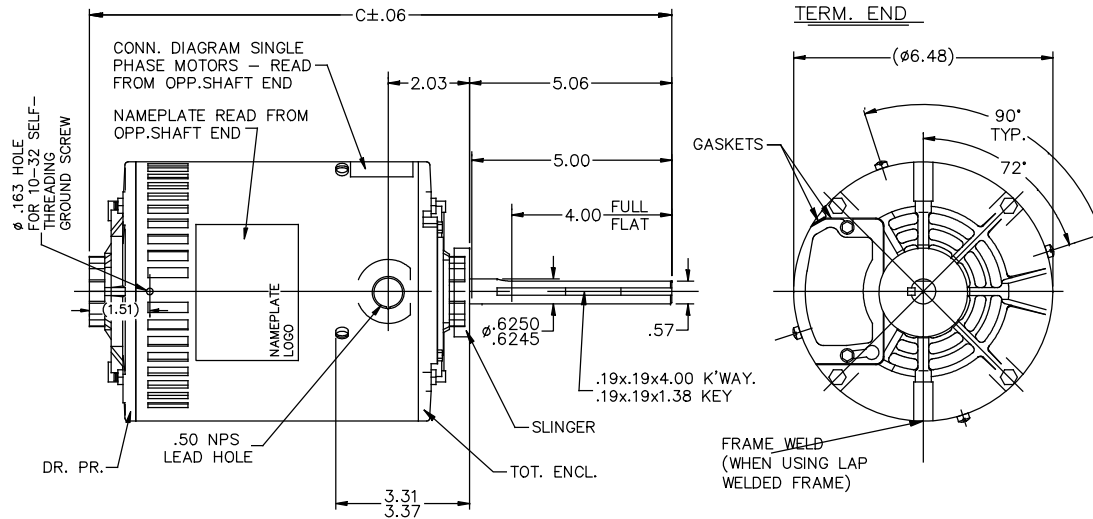
Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>200-230/460 V</b>
Current	<b>3.2-3.2/1.6 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>74 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>H</b>	Design Code	<b>B</b>
KVA Code	<b>K</b>	Frame	<b>56Y</b>
Enclosure	<b>Open Air Over</b>	Overload Protector	<b>Auto 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>14.56 in</b>	Frame Length	<b>7.06 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-100327-706</b>	Connection Diagram	<b>A-102007-1</b>

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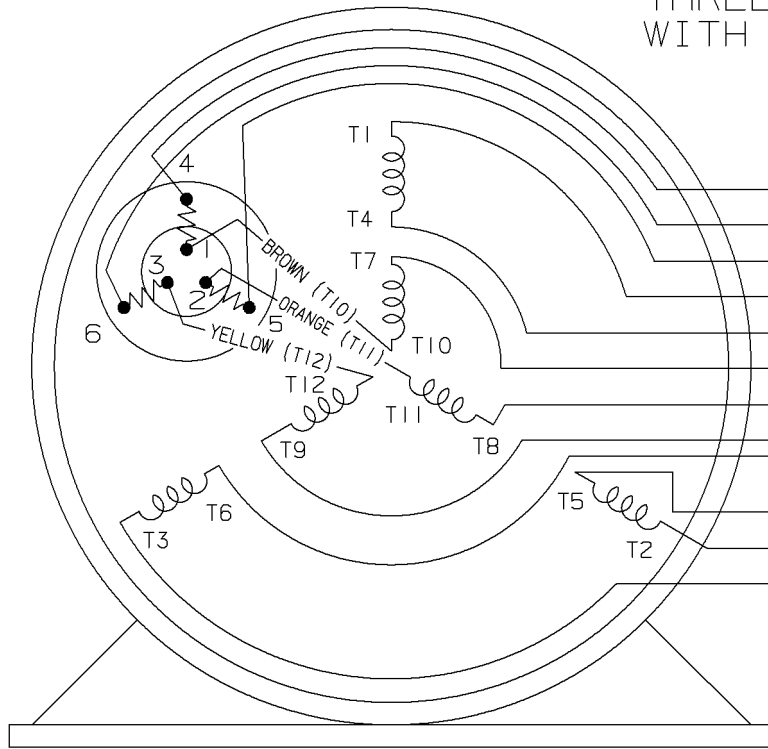


DASH	FRAME	C	DASH	FRAME	C
656	56-65	14.06	856	56-85	16.06
706	"-70	14.56	906	"-90	16.56
756	"-75	15.06	956	"-95	17.06
806	"-80	15.56			

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	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	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV

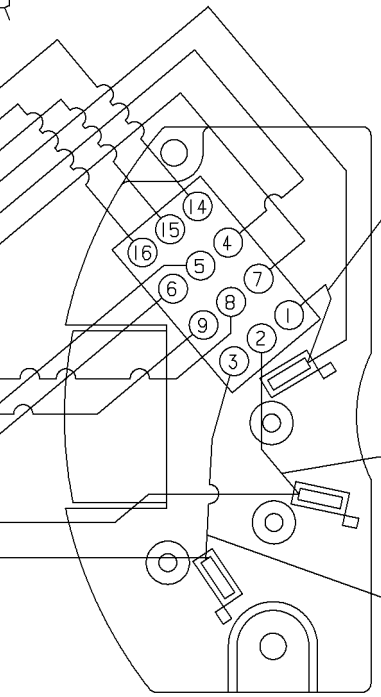
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			DIST WP					

### 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

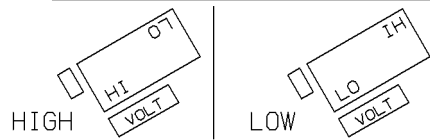


VIEWING BOTTOM OF TERMINAL BOARD

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

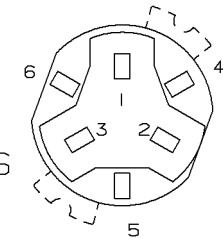
BLUE  
 BLACK

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

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

102007-1

**CERTIFICATION DATA SHEET**

**Model#:** 56T1105301 F      **WINDING#:** ZT607 DR 3  
**CONN. DIAGRAM:** A-102007-1      **ASSEMBLY:** F1 ONLY  
**OUTLINE:** A-100327-706

**TYPICAL MOTOR PERFORMANCE DATA**

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4&1/2	.56&.37	1200	1140&950	56Y	OPAO	K	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	200-230/460#190/380	3.2-3.2/1.6&2.6/1.3	ACROSS THE LINE	CONTINUOUS	H1	1.0/1.0	70	3300

FULL LOAD EFF: 74&74	3/4 LOAD EFF: 74.5	1/2 LOAD EFF: 69	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 59.1&52.5	3/4 LOAD PF: 48	1/2 LOAD PF: 37	70	SQ CAGE IND RUN	2.5 / 1.3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3.4 LB-FT	17 / 8.5	9 LB-FT 265	12.5 LB-FT 368	50

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
63 dBA	73 dBA	0.06 LB-FT^2	15 LB-FT^2	15 SEC.	2	26 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 SEF 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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