

PRODUCT INFORMATION PACKET



Model No: 056T11O15511

Catalog No: X512

Condenser Fan Motor, 0.75 & 0.50 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1200 & 1000 RPM,
56HZ Frame, OPAO

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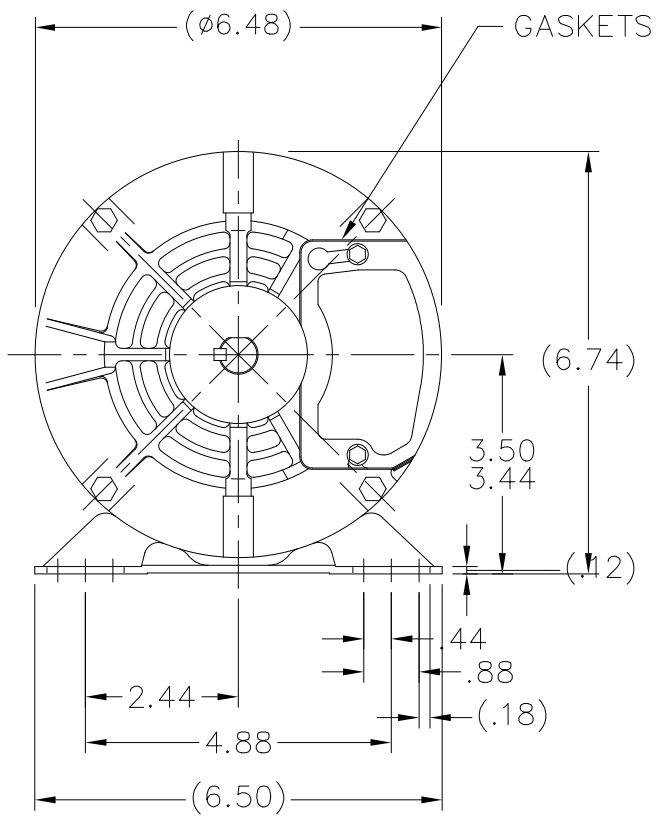
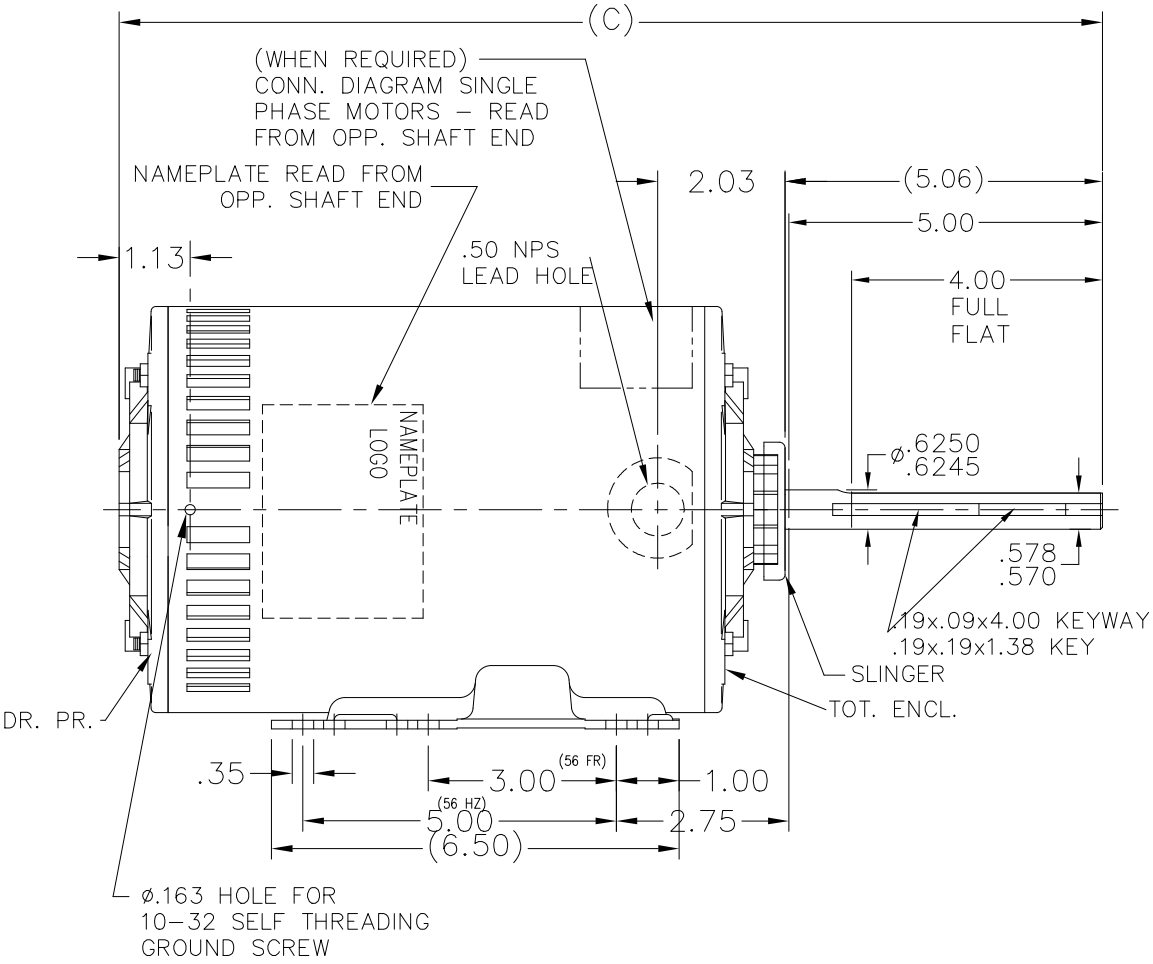


Nameplate Specifications

Phase	3	Output HP	0.75 & 0.50 Hp
Output KW	0.56 & 0.37 kW	Voltage	208-230/460 & 190/380 V
Speed	1170 & 960 rpm	Service Factor	1.0 & 1.0
Frame	56HZ	Enclosure	Open Air Over
Thermal Protection	Automatic	Efficiency	70 & 74 %
Ambient Temperature	70 °C	Frequency	60 & 50 Hz
Current	2.7-3/1.5 & 3/1.5 A	Power Factor	45
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	P
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	10
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	6.3 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	14.18 in
Frame Length	7.06 in	Shaft Diameter	0.625 in
Shaft Extension	5.06 in	Assembly/Box Mounting	F2 ONLY
Outline Drawing	A-107126-706	Connection Drawing	A-102007-1



TERM. END

DASH	FR.	C			DASH	FR.	C		
					856	56-85	15.68		
706	56-80	14.18			906	56-90	16.18		
756	56-80	14.68			956	56-95	16.68		
806	56-80	15.18							

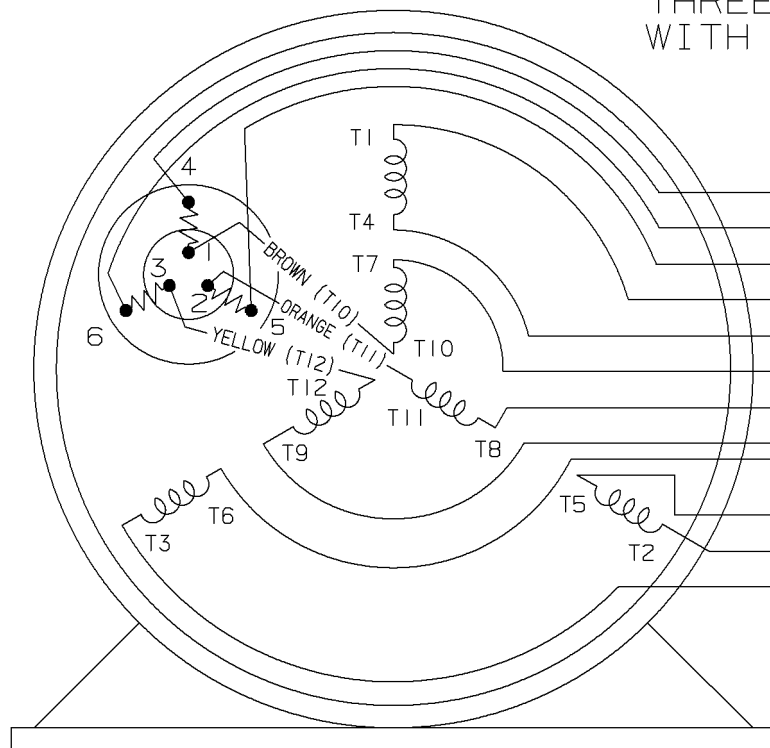
				TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.03
2	CHD FROM MARATHON TO RRX LOGO	KVDG 05-30-2024	DS	.XXX	±.005
1	UPDATED DRAWING	RJW 05-16-2007		.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"

Regal Rexnord Regal Beloit America, Inc.

TITLE OUTLINE
56 FR.
MAT'L.

DRAWN	NB	04-13-2006
CHK	VL	04-13-2006
APPD	VL	04-13-2006
SCALE	5=16	
REF	104614	
FMF	MU72082	
PREV		

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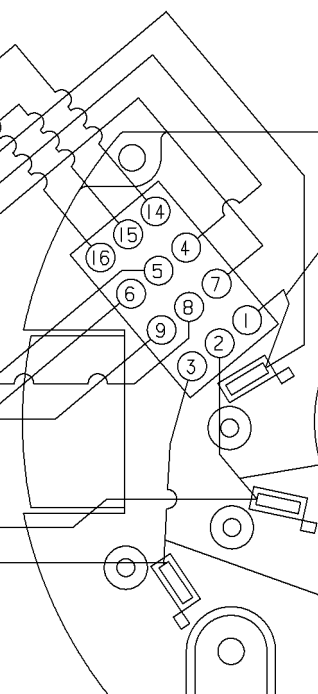
THREE PHASE-DUAL VOLTAGE
WITH THERMAL PROTECTOR

VIEW OF TERMINAL END

(T14) BROWN
(T16) YELLOW
(T15) ORANGE
(T1) RED

T4
T7
T8
T9
T6
T5

(T2) BLUE
(T3) BLACK



RED

NUMBERS SHOWN
ON TERM
BOARD ARE FOR
REF. ONLY.

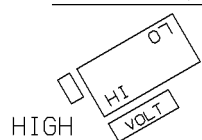
(NUMBERS DO NOT
APPEAR ON PARTS.)

BLUE

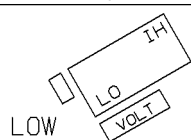
BLACK

VIEWING BOTTOM OF
TERMINAL BOARD

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



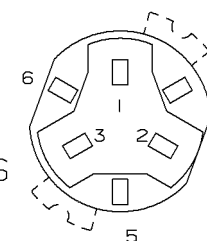
HIGH



LOW

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	 Regal Beloit America, Inc.			
2	07-20-1993	REDRAWN ON CADD, ORIGINAL LOST. REV. VCD TO COLORED LEADS CNI3741	RM	FINISH				
				REFERENCE DRW.				
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR				DRWG NO A- 102007-1

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

102007-1

CERTIFICATION DATA SHEET

Model#: 56T11015511 D
 CONN. DIAGRAM: A-102007-1
 OUTLINE: A-107126-706

WINDING#: ZT607 R3 3
 ASSEMBLY: F2 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4&1/2	.56&.37	1200	1170&960	56HZ	OPAO	P	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208- 230/460#190/ 380	2.7- 3/1.5&3/1.5	ACROSS THE LINE	CONTINUOU S	H1	1.0/1.0	70	3300

FULL LOAD EFF: 70&74	3/4 LOAD EFF: 67	1/2 LOAD EFF: 59	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 45&52.5	3/4 LOAD PF: 38	1/2 LOAD PF: 29	66	SQ CAGE IND RUN	2.5 / 1.3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
2.25 LB-FT	17 / 8.5	9 LB-FT 400	12.5 LB-FT 556	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0.06 LB-FT^2	25 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	RIGID	HORIZONTAL	FALSE	NONE	PROVISIONS ONLY	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6203	6203	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

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

* N O T E S *	INVERTER TORQUE: NONE
	INV. HP SPEED RANGE: NONE
	ENCODER: NONE
	NONE NONE NONE NONE PPR
* N O T E S *	BRAKE: NONE NONE
	NONE P/N NONE
	NONE NONE
	NONE FT-LB NONE V NONE Hz

DATE: 06/28/2017 02:45:01 AM
 FORM 3531 REV.3 02/07/99

** Subject to change without notice.