

# PRODUCT INFORMATION PACKET



Model No: CM31T17NZ28A

Catalog No: M1125284.00

PZ...12:1.142RPM.24LBIN.1/15HP.31...INVERTER RATED./208-230V.3PH.60HZ.TENV.CM31T17NZ28A  
PZ Series



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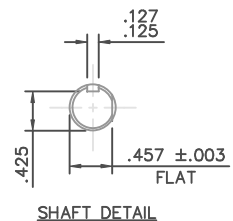
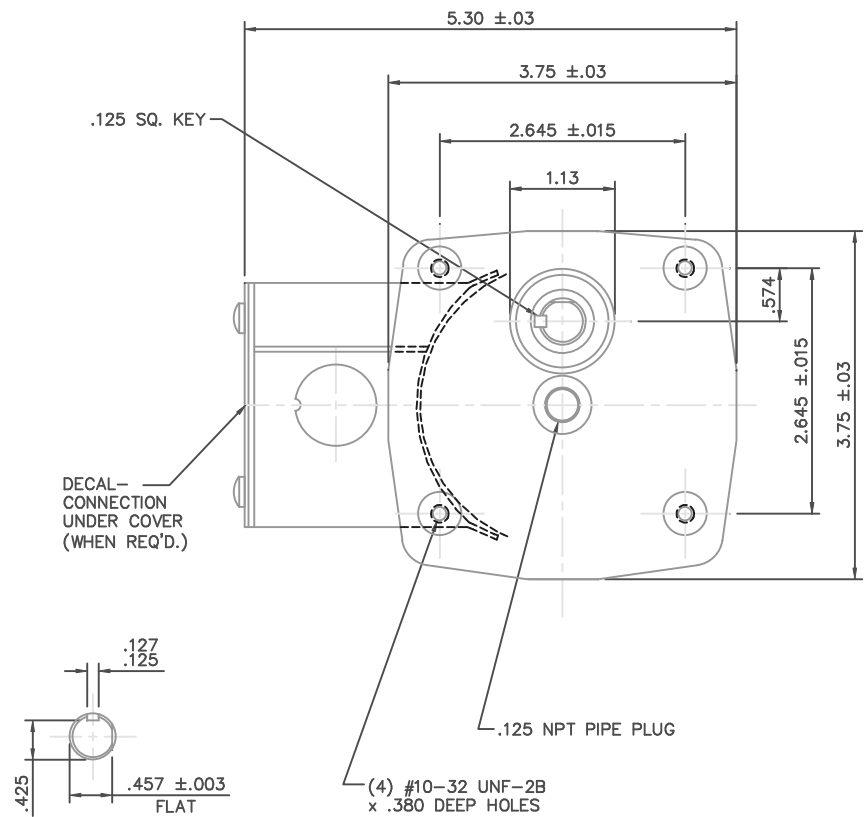
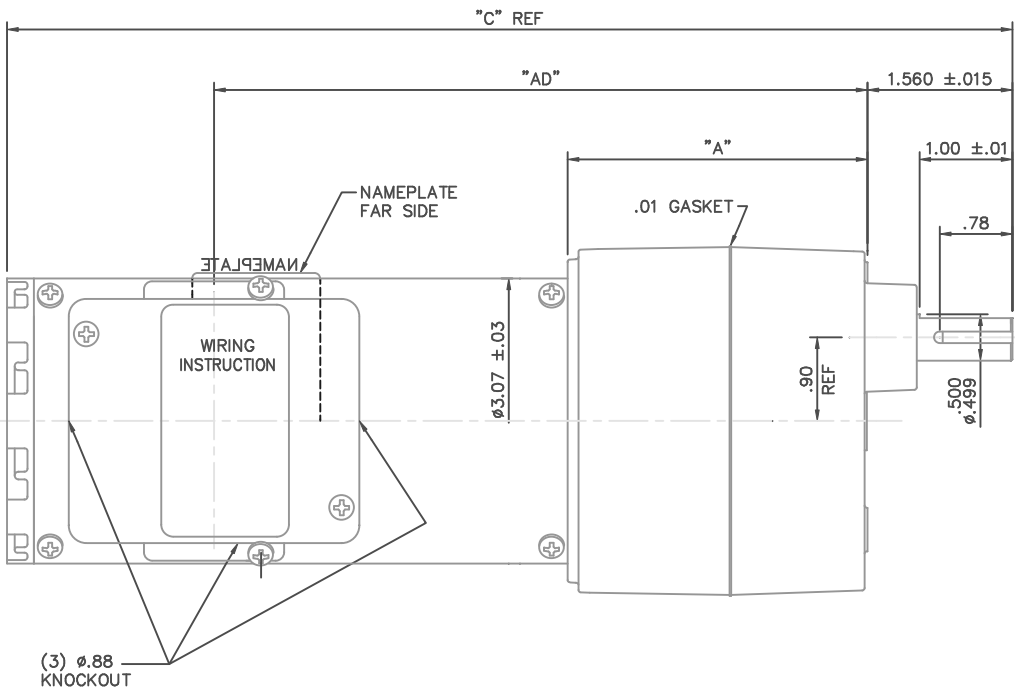
### Nameplate Specifications

Output HP	0.07 Hp	Output KW	0.05 kW
Frequency	60 Hz	Voltage	208-230 V
Current	0.40 A	Speed	142 rpm
Service Factor	1	Phase	3
Duty	Continuous	Insulation Class	F
KVA Code	H	Frame	31
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6000
Opp Drive End Bearing Size	R6	UL	Recognized
CSA	Y	CE	N

### Technical Specifications

Rotation	Reversible	Mounting	Special
Shaft Type	Parallel	Overall Length	9.73 in
Frame Length	5.75 in	Shaft Diameter	0.500 in
Shaft Extension	1 in		
Outline Drawing	M1031002-M1125284	Connection Diagram	005102.01

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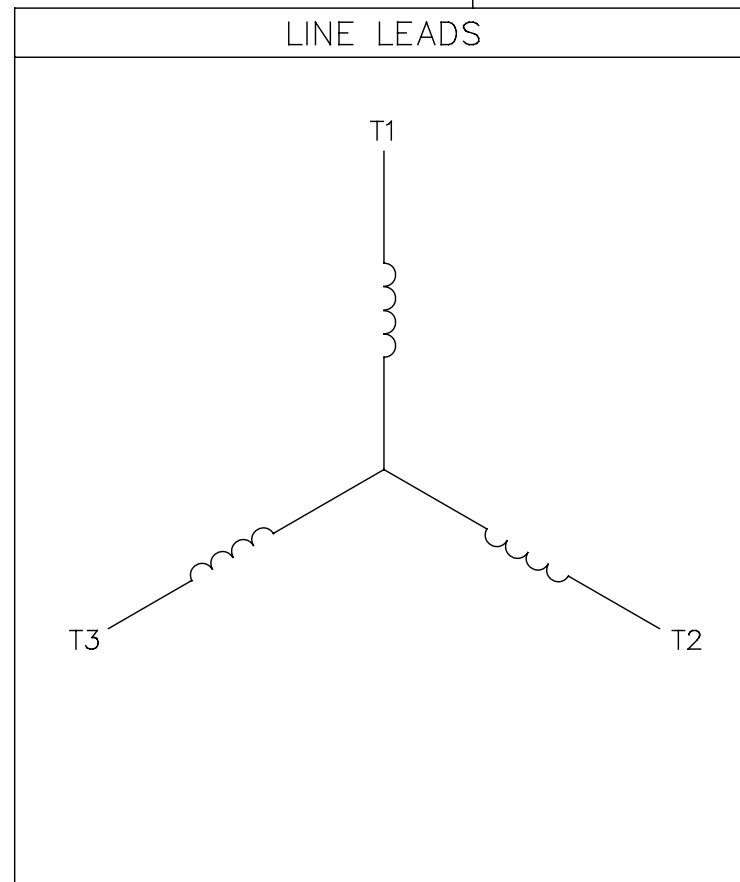
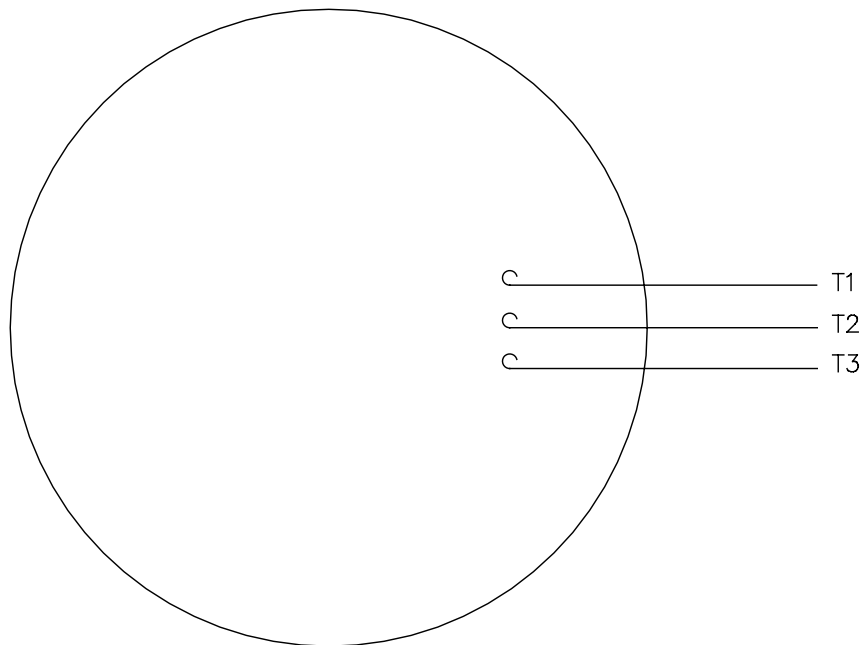
CATALOG NUMBER	OUTPUT RPM	FULL LOAD TORQUE LB.-IN.	INPUT HP	OVERHUNG LOAD LBS.	RATIO TO 1	"C"	"AD"	"A"
M1125282.00	19	100	1/15	155	90	10.83	7.00	3.23
M1125283.00	57	56	1/15	155	30	10.03	6.24	2.43
M1125284.00	142	24	1/15	155	12	9.73	5.94	2.13
M1125285.00	283	12	1/15	155	6	9.73	5.94	2.13

NOTES:  
 1- ALL GEARING IS STEEL IN COMPOSITION.  
 2- GEARING IS OF AGMA #8 QUALITY OR BETTER.

NO.		REVISION		BY & DATE		TOLERANCES UNLESS SPECIFIED			DRAWN		
NO.	REVISION	BY	DATE	CHK	ANG	DEC.	INCHES		LST	REV.	
03	ADD "A" TO TABLE PER ISAAC 08-3733	LST	8/15/08	.X	±.1			ELECTRIC MOTORS GEARMOTORS AND DRIVES TITLE OUTLINE- 31 FRAME AC TENV- PZ GEARBOX MAT'L FINISH PREV	APPD	KH 6/22/05	
02	MIRRORED CONDUIT BOX MOUNTING SCREWS TO SHOW CORRECT ORIENTATION OF BOX; ECR 85528	KLS	12/19/05	RDW	±.03				SCALE	3=4	
01	ADDED PERFORMANCE ATTRIBUTES TABLE	RLW	7/7/05		±.0005				REF	PR040177	
					±1/2"						
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT						RFP	CAD FILE	M1031002	SIZE	DRAWING NO.	REV.
						DIST			B	M1031002	03

005102-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



CONNECT LEADS AS FOLLOWS  
FOR FOUR CONDUCTOR CORD ( )

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED		<b>Regal Beloit America, Inc.</b>			DRAWN JRW 9/11/75	
				DEC.	INCHES				CHK	
				.X	±.1	TITLE      EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR		APPD JCW 9/11/75		
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY .XX	±.01	SCALE 1=1					
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97	.XXX	±.005	REF W-T6343-6					
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95	.XXXX	±.0005	FMF 6T17FB7					
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	5/1/02	CAD FILE	00510201	SIZE	DRAWING NO.	REV.
				DIST		BRF-NLV		A	005102-01	08