

**Rockwell**  
**Automation**



***Allen-Bradley***

Product Information Packet

Rockwell Automation

**CM227-BK00318AXZCA**

3HP,1800RPM,3PH,182TC,56C,TENV

# CM227-BK00318AXZCA

Motor Family

Torque Speed

Enclosure Code

Horsepower  Load Type

Temp Rating  Mount Type

Insulation  Start Type

Duty  Design  Frame

Model # Y988

Voltage   Usable at 208V

Base Speed  Amps

CHP Speed  Max Speed

Conduit Box Location  Service Factor

Bearing Type:  ODE Bearing

Grease  DE Bearing

## OPTIONS

Encoder PPR   Tachometer Tach Voltage

Heater Blower Voltage

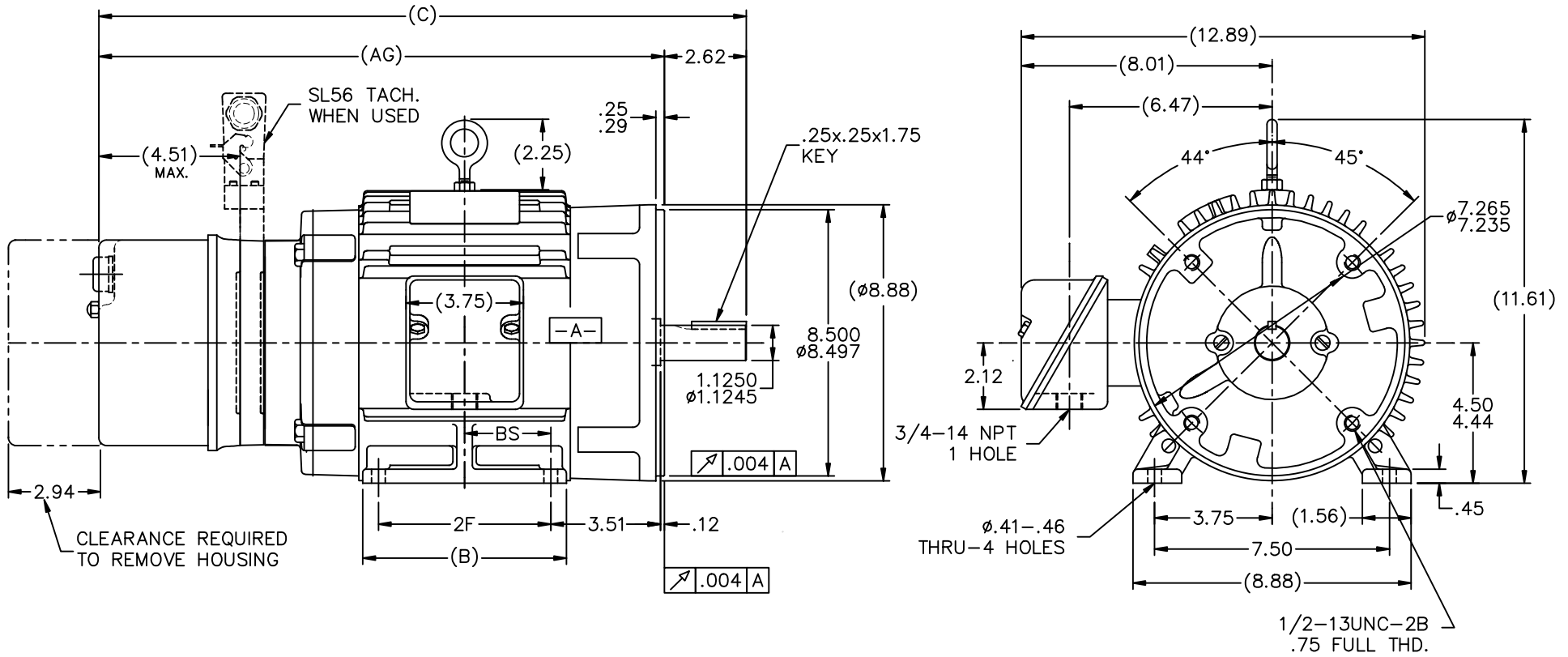
Holding Brake Ft. Lbs  Coil Voltage   Thermostats

Winding RTD'S  Bearing RTD'S Ohms  Type

## Performance Data:

% of Rated Load	Efficiency	Power Factor	Amps
No Load			3.8 / 1.9
1/2 Load	82.5	62.5	
3/4 Load	84.0	74.5	
Full Load	84.0	81.0	8.2 / 4.1

Hazardous Location	
Division	
Class	
Group	
Temp Code	



NOTES:

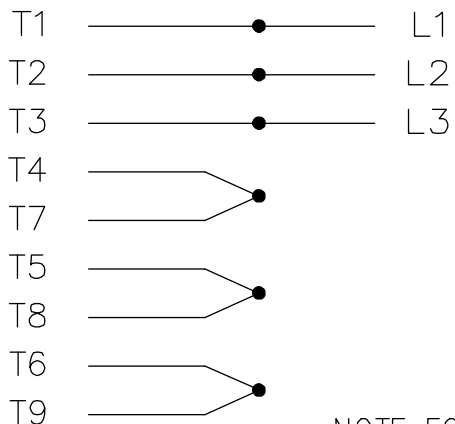
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

575	182T	19.67	17.05	5.50	4.50	2.25					
DASH	FRAME	C	AG	B	2F	BS					

				TOLERANCES UNLESS SPECIFIED		Rockwell Automation Allen-Bradley		DRAWN DAH 06-20-2001		
				DEC.	INCHES			CHK	ML 07-13-2001	
3	REDRAWN IN AUTOCAD	TAT	06-24-2005	DRS	.X	±.1			APPD	PH 07-16-2001
2	UPDATED SHAFT EXTENSION ON O.D.E. AND TACH WHEN USED MU37304	DRS	08-17-2001	.XX	±.03	TITLE OUTLINE -- C' FACE -- STEARNS BRAKE		SCALE	5=16	
1	NEW DRAWING MU37304	DAH	07-16-2001	.XXX	±.005	180T FR. -- BB -- TS		REF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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	CAD FILE ss69135	SIZE	DRAWING NO. PAGE OF REV.	
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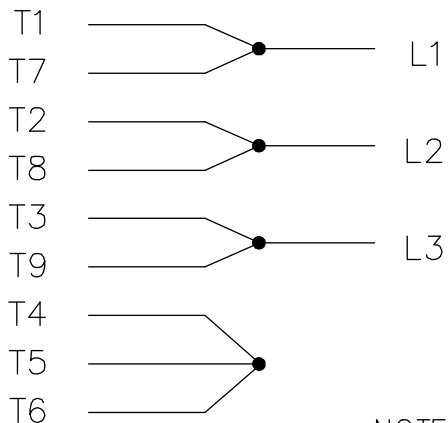
THREE PHASE  
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



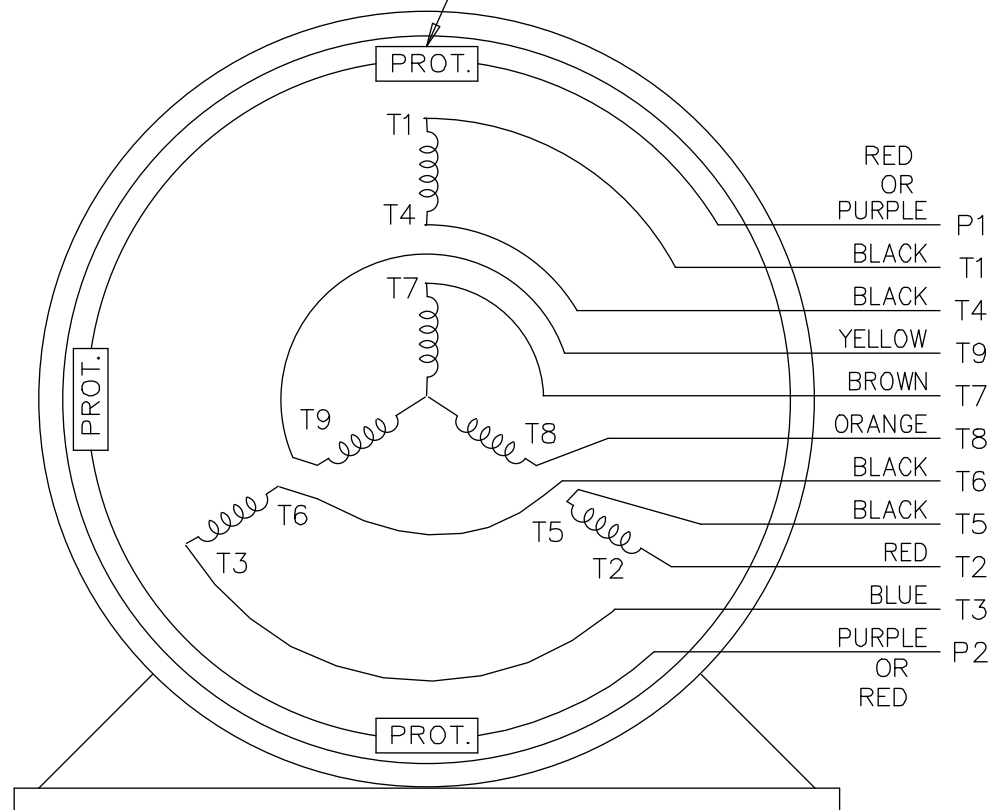
NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST FOR COMMON CONNECT:  
HIGH VOLT: CONNECT P1 TO T1  
THEN P2 TO L1  
LOW VOLT: CONNECT P1 TO T1 & T7,  
THEN P2 TO L1

LOW VOLTAGE



NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

THERMO-PROTECTORS  
CONNECTED IN SERIES.



VIEW OF TERMINAL END

13	NOTE ADDED	GR 06/20/13	AK	TOLERANCES UNLESS SPECIFIED			DRAWN SMC 05-13-1992			
12	P1 & P2 LEADS ADD'T COLOUR ADDED	UD 12/19/12	SR	DEC.	INCHES		CHK ML 05-13-1992			
11	ADDED COLORS TO "T & P" LEADS CN 40494	MSG 08-08-2006	ML	.X	±.1		APPD TB 05-13-1992			
10	ADDED SURGE TESTER NOTE - FOR FACTORY USE ONLY CN 24255	MH 06-03-1997		.XX	±.02		SCALE 1=1			
9	REDRAWN	SMC 05-15-1992		.XXX	±.005	TITLE CONNECTION DIAGRAM 3 PHASE - DUAL VOLTAGE MOTOR	REF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	MAT'L.	FMF			
						FINISH	PREV			
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