

PE364TC-60-2

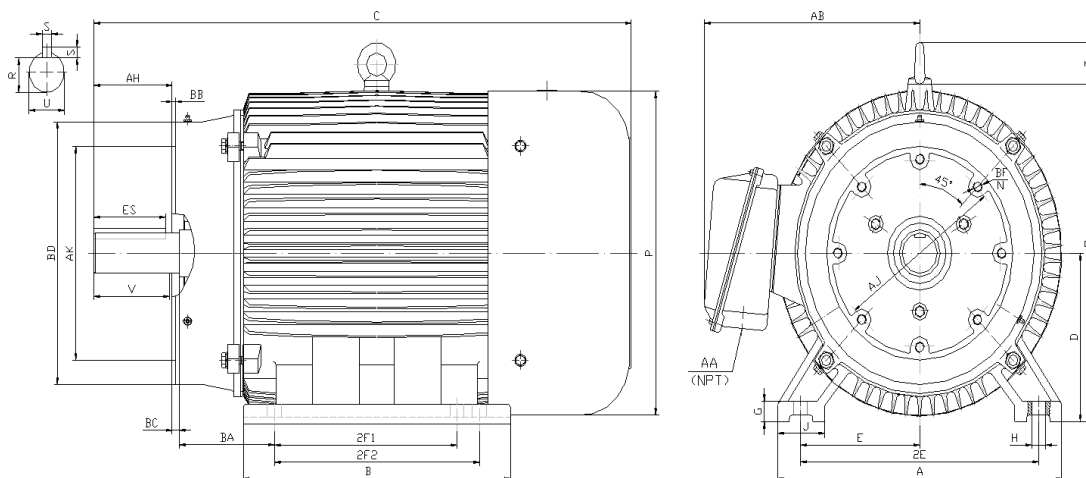
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
60	3600	364TC	17.10	15.40	33.50	9.00	1.15	0.66	2.95	7.00	14.00	11.25	12.25	18.10	17.60	2.60	5.88

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
5.62	11.00	12.50	0.25	0.25	14.00	8*5/8-11	2.38	5.62	2.02	0.63	4.28	NA	3.00	14.00	6313	6313	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP



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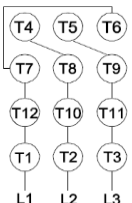
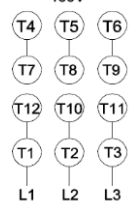
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
60	3565	364TC	208-230/460	60	1.15	F	B	1.0	G	TEFC	55	40° C

Amps (460V)		Efficiency (%)				Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	Min.	100%	75%	50%	FLT	LRT %	BDT %	6313	6313	12 Lead 2Δ/Δ	805
66.0	435.0	93.6	93.0	92.4	92.4	0.920	0.900	0.850	88.6	140	255				

NAME PLATE

 North American Electric, Inc.											
INVERTER DUTY 20:1 VT; 10:1 CT											
CAT NO: PE364TC-60-2				FRAME 364TC				PHASE 3			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55	
HP 60		RPM 3565		HP 60		RPM 2960		DUTY CONT		DES B	
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F	
FLA 146 - 132 / 66				FLA 160/80				DE BEARING 6313			
CODE G		P.F. 0.92		CODE F		P.F. 0.93		ODE BEARING 6313			
EFF 93.6		MIN 92.4		EFF 92		MIN 90.8		LUB: Mobil Polyrex EM			
MOTOR WEIGHT 805 LBS				CONNECTION 12 Lead 2Δ/Δ				SER NO			
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi											
CC 082A											
CONNECTION DIAGRAMS 208-230V  460V 											

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.