



## PE364T-60-4C

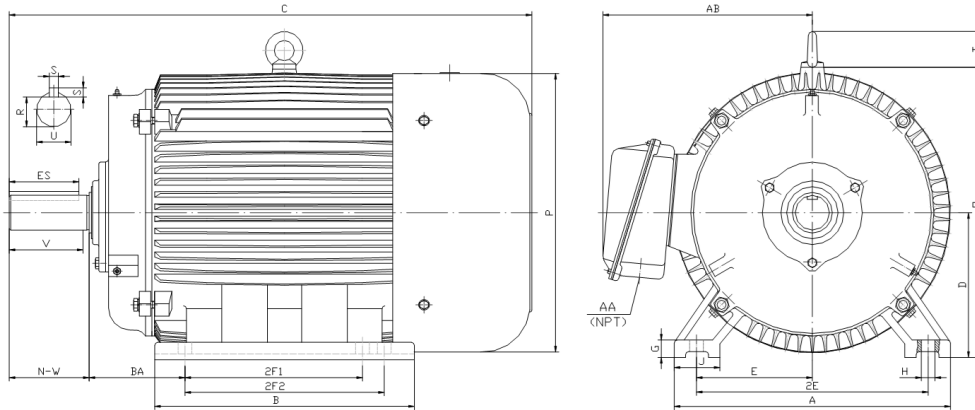
**CRUSHER DUTY ELECTRIC MOTOR**

**NEMA PREMIUM EFFICIENCY**

**TOTALLY ENCLOSED FAN COOLED**

**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	1800	364T	17.1	14.4	32.5	9	1.1	0.66	2.95	7	14	11.25	NA	18.5	18.4	2.6	5.88

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.375	5.62	2.021	0.625	4.28	5.88	3	15	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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### 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	1780	364T	208-230/460	60	1.15	F	C	1.1	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%	100%	75%	50%	FLT	LRT %	BDT %				
69.5	435	95.0	95.0	95.0	0.85	0.83	0.75	177.55	200	240	6313	6313	12 Lead 2Δ/Δ	744

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS				
CAT NO. PE364T-60-4C		FRAME 364T		PHASE 3								208-230V 		
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55							460V 		
HP 60	RPM 1780	HP 60	RPM 1480	DUTY CONT	DES C									
VOLTS 208-230/460		VOLTS 190/380		AMB 40 °C	INS F									
AMPS 154 - 139 / 69.5		AMPS 168/84		DE BRG 6313										
CODE G	P.F. 0.85	CODE F	P.F. 0.86	ODE BRG 6313										
EFF 95.0	MIN 94.1	EFF 93.8	MIN 92.6	LUB: Mobil Polyrex EM										
MOTOR WEIGHT 744 LBS		CONNECTION 12 Lead 2Δ/Δ		SER NO										
Special purpose use on crushing and pulverizing equipment. Hernando, Mississippi								CC082A						

### APPLICATIONS:

Special purpose use on crushing and pulverizing equipment. Other industrial machinery requiring extremely high starting torques and breakdown torques. Suitable for use with variable frequency drives.