



## PE215T-3-8C

**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
3	900	215T	11	9.4	20.4	5.25	0.7	0.41	2.4	4.25	8.5	5.5	7	10.5	10.2	1.9	3.5

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.375	3.12	1.201	0.312	2.41	3.38	1	8.3	6308-ZZ	6308-ZZ	F1

**BEARING LUBRICATION:** The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.





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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
3	865	215T	208-230/460	60	1.15	F	C	3.9	K	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 %				
4.9	32	85.5	85.0	84.0	0.70	0.61	0.48	18.5	230	280	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	163

### NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO.		PE215T-3-8C				FRAME		215T		PHASE 3		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55	
HP	3	RPM	865	HP	3	RPM	720	DUTY CONT	DES	C		
VOLTS	208-230/460			VOLTS	190/380		AMB	40 °C	INS	F		
AMPS	10.8 - 9.8 / 4.9			AMPS	11.8/5.9		DE BRG	6308-ZZ				
CODE	K	P.F.	0.70	CODE	H	P.F.	0.72	ODE BRG	6308-ZZ			
EFF	85.5	MIN	82.5	EFF	83.5	MIN	80.5	LUB:	Mobil Polyrex EM			
MOTOR WEIGHT	163	LBS		CONNECTION	9 Lead 2Y/Y			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.