



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	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

*Usable at 208 Volts

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS				
CAT NO. PE215T-3-8C		FRAME 215T		PHASE 3		230V								
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55	T4		T5		T6				
HP 3	RPM 865	HP 3	RPM 720	DUTY CONT	DES C	T7		T8		T9				
VOLTS 230/460		VOLTS 190/380		AMB 40 °C	INS F	T1		T2		T3				
AMPS 9.8 / 4.9		AMPS 11.8/5.9		DE BRG 6308-ZZ		L1		L2		L3				
CODE K	P.F. 0.70	CODE H	P.F. 0.72	ODE BRG 6308-ZZ		460V								
EFF 85.5	MIN 82.5	EFF 83.5	MIN 80.5	LUB: Mobil Polyrex EM		T4		T5		T6				
MOTOR WEIGHT 163 LBS	CONNECTION 9 Lead 2Y/Y		SER NO		T7						T8		T9	
Special purpose use on crushing and pulverizing equipment.		ISO9001 CERTIFIED		CE		SA C US 272709		T1		T2		T3		
Hernando, Mississippi		CC082A		L1						L2		L3		

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.