



PE213T-2-8C

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
2	900	213T	11	7.9	18.9	5.25	0.7	0.41	2.4	4.25	8.5	5.5	NA	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.





PE213T-2-8C

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

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
2	865	213T	208-230/460	60	1.15	F	C	3.9	L	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 %				
3.4	25	84.0	83.5	80.0	0.69	0.57	0.44	12.4	230	280	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	132

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO. PE213T-2-8C		FRAME 213T			PHASE 3			208-230V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1 L2 L3				
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55							
HP 2	RPM 865	HP 2	RPM 720	DUTY CONT	DES C							
VOLTS 208-230/460		VOLTS 190/380		AMB 40 °C	INS F							
AMPS 7.5 - 6.8 / 3.4		AMPS 8/4		DE BRG 6308-ZZ								
CODE L	P.F. 0.69	CODE J	P.F. 0.71	ODE BRG 6308-ZZ								
EFF 84.0	MIN 81.5	EFF 82.0	MIN 79.5	LUB: Mobil Polyrex EM								
MOTOR WEIGHT 132	LBS	CONNECTION 9 Lead 2Y/Y		SER NO		460V T4 T5 T6 T7 T8 T9 T1 T2 T3 L1 L2 L3						
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.