



PE215T-10-4C

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
10	1800	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
10	1770	215T	208-230/460	60	1.15	F	C	1.7	H	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 %				
12	81	91.7	91.8	90.0	0.81	0.77	0.67	30.02	250	280	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	182

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT								CONNECTION DIAGRAMS		
CAT NO.		PE215T-10-4C				FRAME		215T		PHASE 3		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55	
HP	10	RPM	1770	HP	10	RPM	1460	DUTY CONT	DES	C		
VOLTS	208-230/460		VOLTS	190/380		AMB	40 °C		INS	F		
AMPS	26 - 24 / 12		AMPS	30/15		DE BRG	6308-ZZ					
CODE	H	P.F.	0.81	CODE	F	P.F.	0.84	ODE BRG	6308-ZZ			
EFF	91.7	MIN	90.2	EFF	89.7	MIN	88.2	LUB:	Mobil Polyrex EM			
MOTOR WEIGHT	182	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.