



PE215T-3-8C

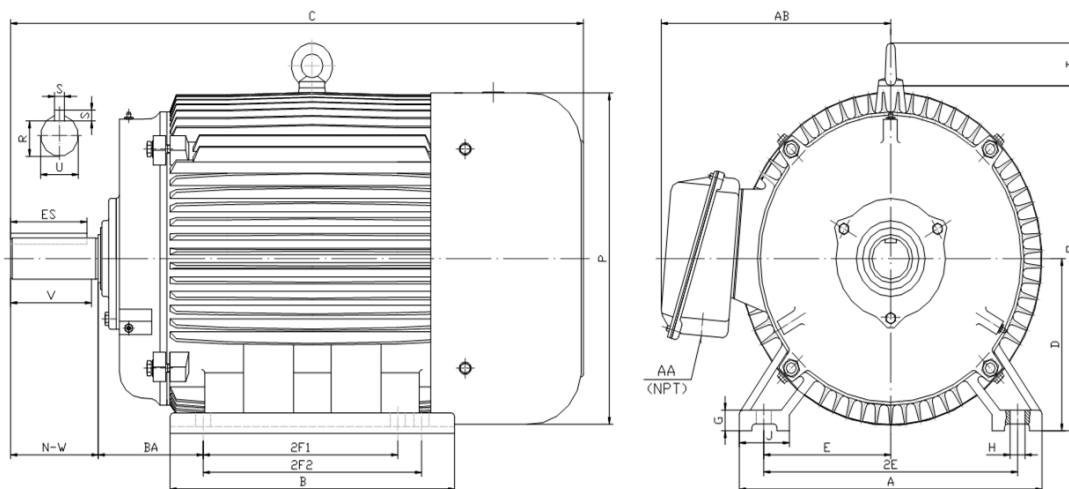
CRUSHER DUTY ELECTRIC MOTOR

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	11.00	9.40	20.40	5.25	0.70	0.41	2.40	4.25	8.50	5.50	7.00	10.50	10.20	1.90	3.50

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	1.00	8.30	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%	Min.	100%	75%	50%	FLT	LRT %	BDT %				
4.9	32	85.5	85.0	84.0	82.5	0.700	0.610	0.480	18.5	230	280	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	163

NAME PLATE

 North American Electric, Inc.															CONNECTION DIAGRAMS																			
INVERTER DUTY 20:1 VT; 10:1 CT																																		
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												
FLA				10.8 - 9.8 / 4.9				FLA				11.8/5.9				DE BEARING				6308-ZZ														
CODE		K		P.F.		0.70		CODE		H		P.F.		0.72		ODE BEARING				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																		
General purpose use on industrial machinery installed in damp, dusty or dirty environments.															ISO9001 CERTIFIED					CE					CS® US					CC 082A				
Hernando, Mississippi																																		

208-230V								
T4			T5			T6		
T7			T8			T9		
T1			T2			T3		
L1			L2			L3		

460V								
T4			T5			T6		
T7			T8			T9		
T1			T2			T3		
L1			L2			L3		

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.