

PE215TC-10-2

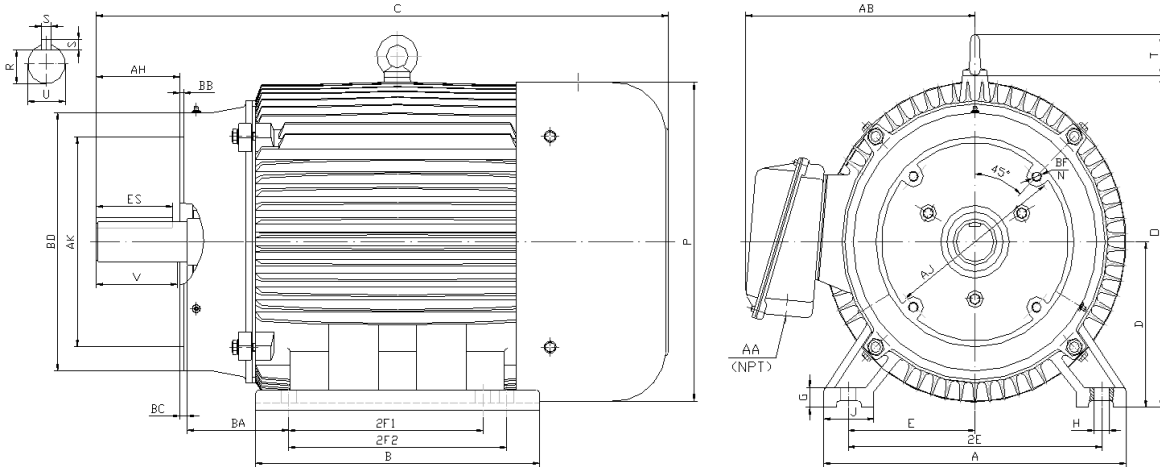
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

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	3600	215TC	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

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
3.12	7.25	8.50	0.25	0.25	9.00	4*1/2-13	1.38	3.12	1.20	0.31	2.41	NA	1.00	8.30	6308-ZZ	6308ZZ	F1

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





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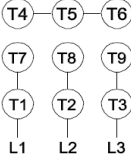
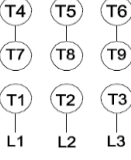



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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
10	3525	215TC	208-230/460	60	1.15	F	B	2.1	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%	Min.	100%	75%	50%	FLT	LRT %	BDT %				
11.4	81.0	90.2	89.0	86.0	88.5	0.920	0.890	0.830	14.9	160	290	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	163

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS 208-230V 										
INVERTER DUTY 20:1 VT; 10:1 CT																							
CAT NO:		PE215TC-10-2			FRAME			215TC		PHASE		3		460V 									
HZ		60		S.F.		1.15		HZ		50		S.F.					1.0		ENCL		TEFC		IP
HP		10		RPM		3525		HP		10		RPM		2910		DUTY		CONT		DES		B	
VOLTS				208-230/460				VOLTS				190/380				AMB		40° C		INS		F	
FLA		23.9 - 22.8 / 11.4		FLA				27.4/13.7				DE BEARING				6308-ZZ							
CODE		H		P.F.		0.92		CODE		E		P.F.		0.93		ODE BEARING				6308-ZZ			
EFF		90.2		MIN		88.5		EFF		88.2		MIN		86.5		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. Hernando, Mississippi																CC 082A							

APPLICATIONS:

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