



PE215TC-5-6C

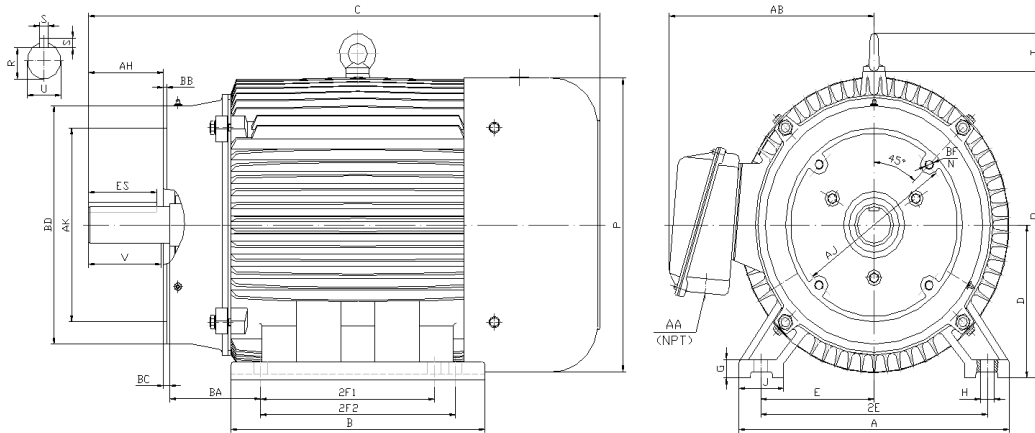
GENERAL PURPOSE ELECTRIC MOTOR

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
5	1200	215TC	11.00	9.40	20.40	5.25	0.70	0.41	2.40	4.25	8.50	5.50	7.00	11.20	11.60	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	1.375	3.12	1.201	0.312	2.41	NA	1.00	9.00	6308-ZZ	6308-ZZ	F1

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





PE215TC-5-6C

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

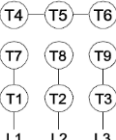
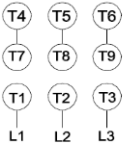
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

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
5	1180	215TC	208-230/460	60	1.15	F	C	1.7	J	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 %	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	180
7.4	46.0	89.5	89.0	87.5	87.5	0.700	0.650	0.530	22.5	250	310				

NAME PLATE

 North American Electric, Inc.													
INVERTER DUTY 20:1 VT; 10:1 CT											CONNECTION DIAGRAMS		
CAT NO: PE215TC-5-6C				FRAME 215TC				PHASE 3					
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55			
HP 5		RPM 1180		HP 5		RPM 980		DUTY CONT		DES C			
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F			
FLA 16 - 14.8 / 7.4				FLA 16.8/8.4				DE BEARING 6308-ZZ					
CODE J		P.F. 0.70		CODE G		P.F. 0.77		ODE BEARING 6308-ZZ					
EFF 89.5		MIN 87.5		EFF 87.5		MIN 85.5		LUB: Mobil Polyrex EM					
MOTOR WEIGHT 180 LBS				CONNECTION 9 Lead 2Y/Y				SER NO					
General purpose use on industrial machinery installed in damp, dusty or dirty environments.													
ISO9001 CERTIFIED   CC 082A													
Hernando, Mississippi													

APPLICATIONS:

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