

PE215TC-15-2

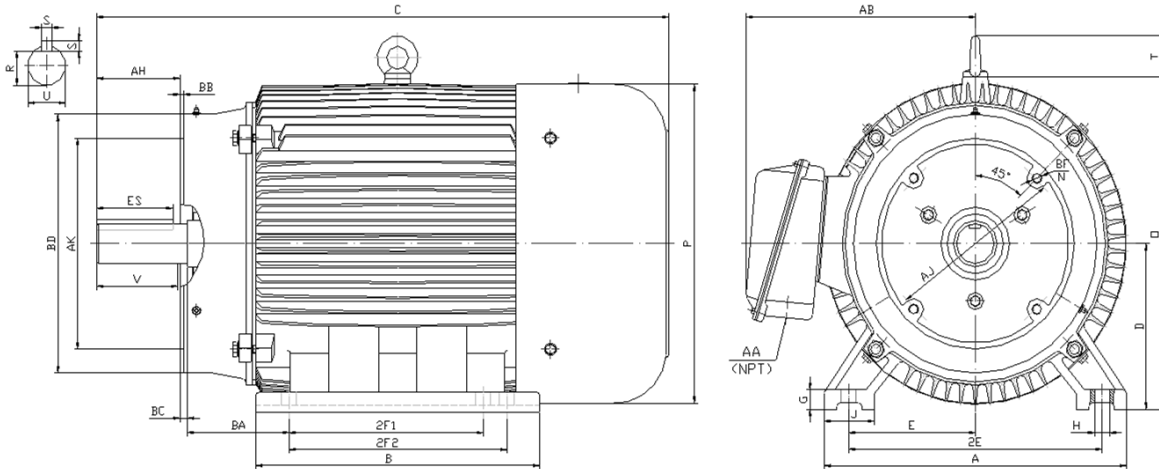
GENERAL PURPOSE ELECTRIC MOTOR

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
15	3600	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	1.38	3.12	1.20	0.31	2.41	3.38	1.00	9.00	6308	6308	

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



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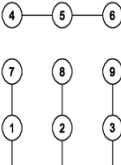
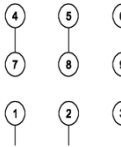
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
15	3510	215TC	208-230/460	60	1.15	F	B	2.5	G	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 %				
17.0	116.0		91.0	91.0	90.5	89.5	0.910	0.890	0.830	22.4	170	280	6308-ZZ	6308-ZZ	9 Lead 2Y/Y	172

NAME PLATE

 North American Electric, Inc.														CONNECTION DIAGRAMS			
INVERTER DUTY 20:1 VT; 10:1 CT																	
CAT NO: PE215TC-15-2				FRAME 215TC				PHASE 3				208 - 230V 					
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55							
HP 15		RPM 3510		HP 15		RPM 2880		DUTY CONT		DES B							
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C		INS F							
FLA 37.6 - 34 / 17				FLA 42/21				DE BEARING 6308-ZZ									
CODE G		P.F. 0.91		CODE E		P.F. 0.92		ODE BEARING 6308-ZZ				460V 					
EFF 91.0		MIN 89.5		EFF 89.5		MIN 87.5		LUB: Mobil Polyrex EM									
MOTOR WEIGHT 172 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.