



PE215TC-10-4-RB-AI

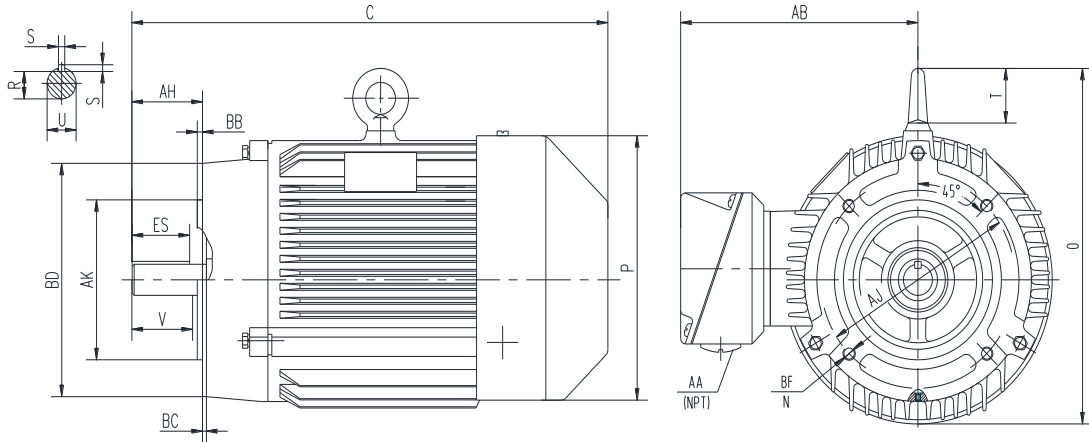
GENERAL PURPOSE ELECTRIC MOTOR

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	1800	215TC	NA	NA	20.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.70	1.73	NA

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	7.250	8.50	0.25	0.25	9.00	4*1/2-13	1.375	3.12	1.201	0.312	2.41	3.38	1.00	9.80	6208-ZZ	6208-ZZ	F1

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





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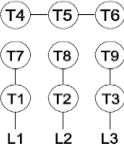
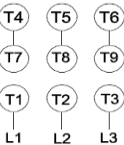
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
10	1750	215TC	208-230/460	60	1.15	F	B	1.1	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 %	6208-ZZ	6208-ZZ	9 Lead 2Y/Y	196
12.0	81.0	91.7	91.8	91.5	90.2	0.860	0.870	0.800	30.0	190	250				

NAME PLATE

 AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT 										CONNECTION DIAGRAMS	
CAT NO: PE215TC-10-4-RB-AI			FRAME 215TC			PHASE 3				208-230V 	
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC IP 55			
HP 10		RPM 1750		HP 10		RPM 1460		DUTY CONT DES B			
VOLTS 208-230/460			VOLTS 190/380			AMB 40° C		INS F			
FLA 26.5 - 24 / 12			FLA 29.8/14.9			DE BEARING 6208-ZZ					
CODE H		P.F. 0.86		CODE H		P.F. 0.86		ODE BEARING 6208-ZZ		460V 	
EFF 91.7		MIN 90.2		EFF 91.0		MIN 89.5		LUB: Mobil Polyrex EM			
MOTOR WEIGHT 196 LBS			CONNECTION 9 Lead 2Y/Y			SER NO					
General purpose use on industrial machinery installed in damp, dusty or dirty environments.  CC113B 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.