



PE213TC-7.5-4-RB-AI

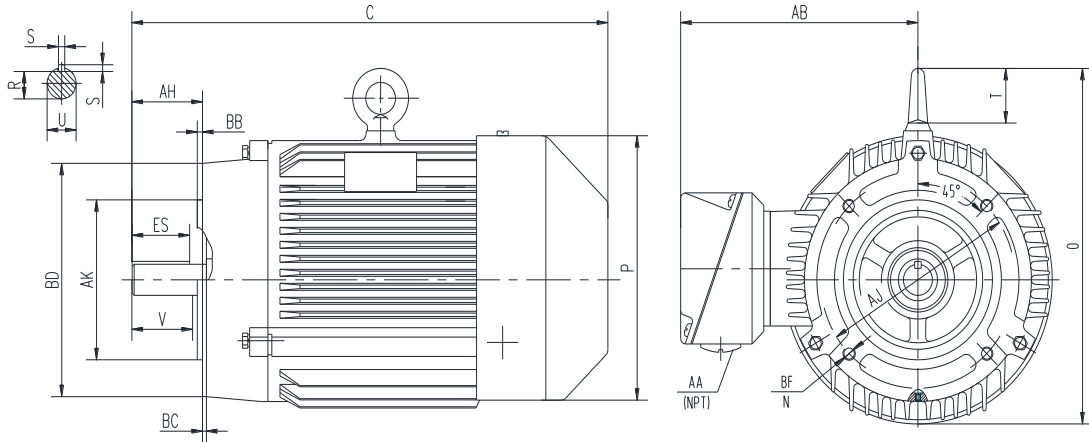
GENERAL PURPOSE ELECTRIC MOTOR

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
7.5	1800	213TC	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.





PE213TC-7.5-4-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

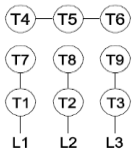
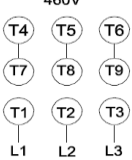
Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

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
7.5	1750	213TC	208-230/460	60	1.15	F	B	2.8	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	189
9.0	63.0	91.7	91.7	91.1	90.2	0.850	0.840	0.750	22.5	195	260				

NAME PLATE

 AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT															CONNECTION DIAGRAMS														
CAT NO: PE213TC-7.5-4-RB-AI					FRAME 213TC					PHASE 3																			
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55		208-230V 																	
HP 7.5		RPM 1750		HP 7.5		RPM 1460		DUTY CONT		DES B																			
VOLTS 208-230/460					VOLTS 190/380					AMB 40° C							INS F												
FLA 19.9 - 18 / 9					FLA 22/11					DE BEARING 6208-ZZ																			
CODE H		P.F. 0.85		CODE J		P.F. 0.85		ODE BEARING 6208-ZZ																					
EFF 91.7		MIN 90.2		EFF 91.0		MIN 89.5		LUB: Mobil Polyrex EM					460V 																
MOTOR WEIGHT 189 LBS					CONNECTION 9 Lead 2Y/Y					SER NO																			
General purpose use on industrial machinery installed in damp, dusty or dirty environments.										ISO9001 CERTIFIED								CE					 CC113B						
Hernando, Mississippi										Energy Verified 263262																			

APPLICATIONS:

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