

PE213TC-7.5-4-RB-AI

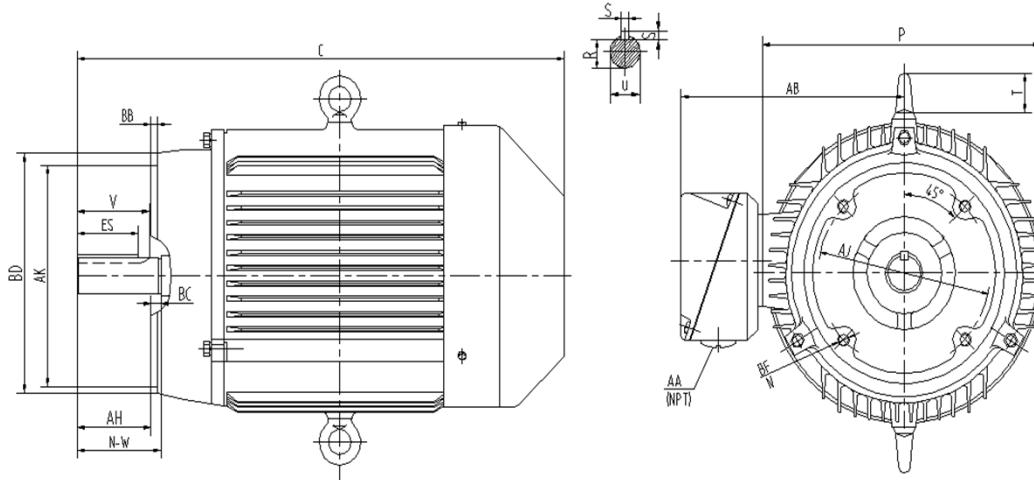
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE FOOTLESS

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									
			C	P	T	AK	AJ	AH	BA	BB	BC	BF
7.5	1800	213TC	20.60	11.70	1.75	8.500	7.25	3.12	3.50	0.25	0.25	4*1/2-13

Shaft Extension, Key Set					Conduit Box		Bearings		Mount
U	R	S	ES	N-W	AA	AB	DE	ODE	
1.375	1.201	0.312	2.41	3.38	1.00	10.80	6208-ZZ	6208-ZZ	F1

BEARING LUBRICATION: The bearings come lubricated with Mobile 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 FOOTLESS
 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 %				
9.0	63.0	91.7	91.7	91.1	90.2	0.850	0.840	0.750	22.5	195	260	6208-ZZ	6208-ZZ	9 Lead 2Y/Y	189

NAME PLATE

<p>INVERTER DUTY 20:1 VT; 10:1 CT</p>										CONNECTION DIAGRAMS 208 - 230V 		
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							
HP 7.5	RPM 1750	HP 7.5	RPM 1465	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 F	P.F. 0.85	ODE BEARING 6208-ZZ								
EFF 91.7	MIN 90.2	EFF 89.5	MIN 87.5	LUB: Mobile Polyrex EM								
MOTOR WEIGHT 189 LBS	CONNECTION 9 Lead 2Y/Y		SER NO									
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										460V 		
CC113B												

APPLICATIONS:

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