

**PE184TC-5-4**

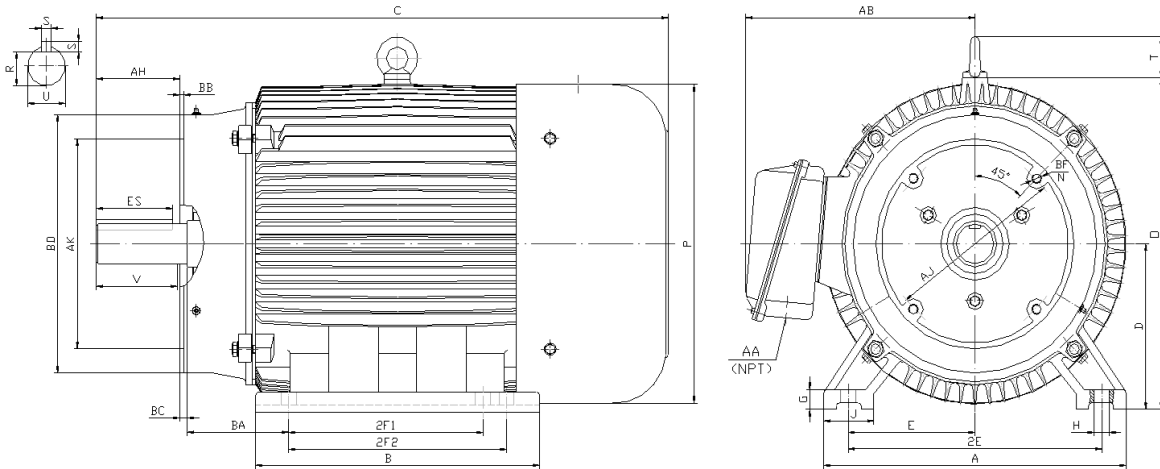
**GENERAL PURPOSE ELECTRIC MOTOR**

**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	1800	184TC	9.50	8.30	17.10	4.50	0.60	0.41	2.00	3.75	7.50	4.50	5.50	9.10	8.70	1.60	2.75

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	
2.62	7.25	8.50	0.25	0.12	9.00	4*1/2-13	1.13	2.50	0.99	0.25	1.78	NA	0.75	7.50	6306-ZZ	6306-ZZ	F1

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





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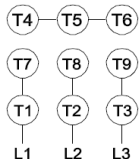
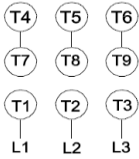



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### PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
5	1755	184TC	208-230/460	60	1.15	F	B	2.5	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 %				
6.8	46.0	89.5	89.8	89.0	87.5	0.780	0.740	0.620	15.0	185	280	6306-ZZ	6306-ZZ	9 Lead 2Y/Y	101

### NAME PLATE

 <b>North American Electric, Inc.</b>													<b>CONNECTION DIAGRAMS</b>  <b>208-230V</b> 		
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>															
CAT NO:		PE184TC-5-4			FRAME		184TC		PHASE		3				
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55				
HP	5	RPM	1755	HP	5	RPM	1440	DUTY	CONT	DES	B				
VOLTS	208-230/460			VOLTS	190/380			AMB	40° C	INS	F				
FLA	14 - 13.6 / 6.8			FLA	15.4/7.7			DE BEARING		6306-ZZ					
CODE	J	P.F.	0.78	CODE	H	P.F.	0.84	ODE BEARING		6306-ZZ					
EFF	89.5	MIN	87.5	EFF	87.5	MIN	85.5	LUB:		Mobil Polyrex EM		<b>460V</b> 			
MOTOR WEIGHT	101	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.