

PE184TC-5-2

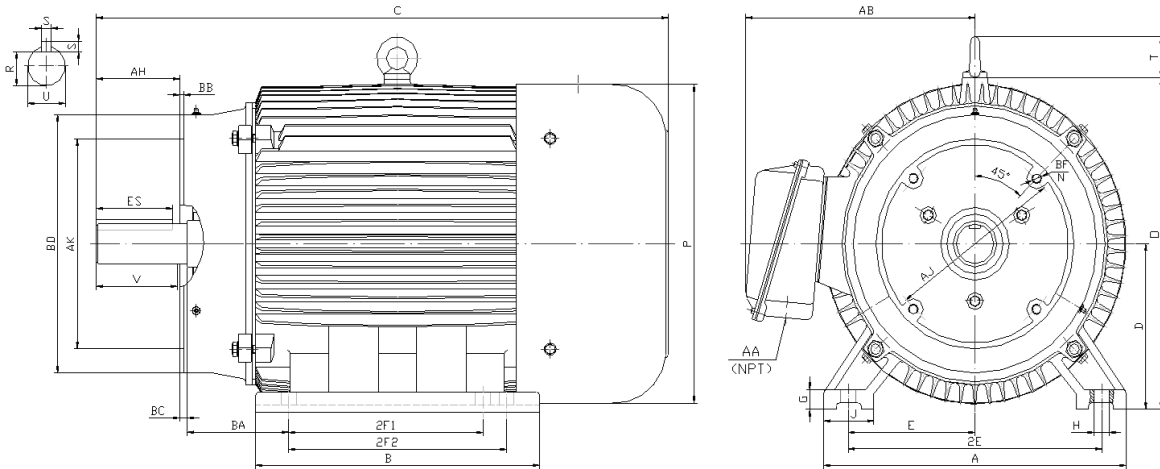
GENERAL PURPOSE ELECTRIC MOTOR

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
5	3600	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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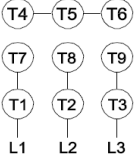



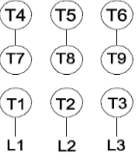
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
5	3515	184TC	208-230/460	60	1.15	F	B	2.4	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 %				
5.8	46.0	88.5	88.0	86.5	86.5	0.900	0.850	0.750	7.5	170	285	6306-ZZ	6306-ZZ	9 Lead 2Y/Y	102

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS 208-230V 		
INVERTER DUTY 20:1 VT; 10:1 CT															
CAT NO: PE184TC-5-2			FRAME 184TC			PHASE 3									
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 5	RPM 3515	HP 5	RPM 2900	DUTY CONT	DES B										
VOLTS 208-230/460			VOLTS 190/380			AMB 40° C			INS F						
FLA 13 - 11.6 / 5.8			FLA 14/7.0			DE BEARING 6306-ZZ									
CODE J		P.F. 0.90		CODE F		P.F. 0.92		ODE BEARING 6306-ZZ							
EFF 88.5		MIN 86.5		EFF 86.5		MIN 84.5		LUB: Mobil Polyrex EM							
MOTOR WEIGHT 102 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			460V 		

APPLICATIONS:

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