

PE184TC-5-4-RB

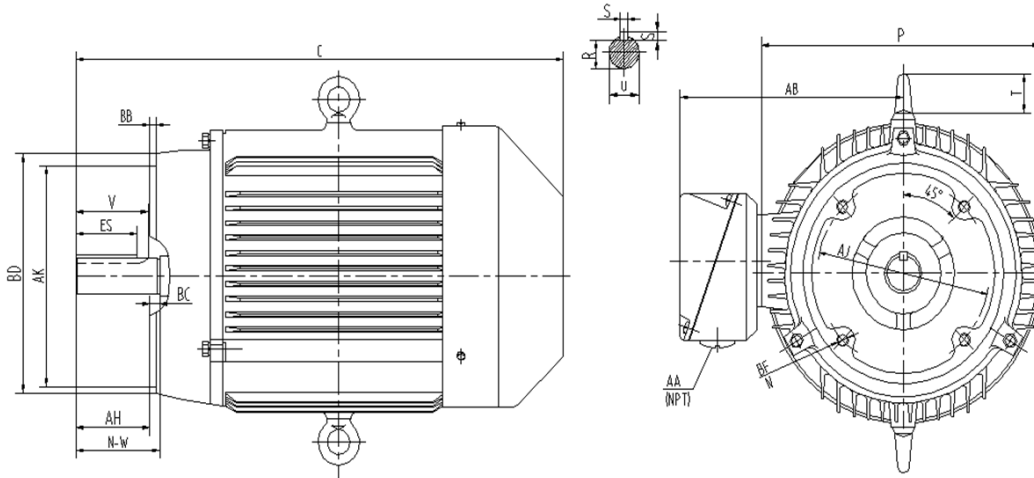
GENERAL PURPOSE ELECTRIC MOTOR

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
5	1800	184TC	18.10	10.35	1.63	8.500	7.25	2.62	2.75	0.25	0.12	4*1/2-13

Shaft Extension, Key Set					Conduit Box		Bearings		Mount
U	R	S	ES	N-W	AA	AB	DE	ODE	
1.125	0.986	0.250	1.78	2.75	1.00	8.90	6306-ZZ	6306-ZZ	F1

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





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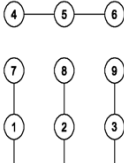



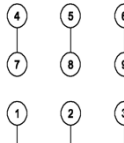
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
5	1745	184TC	208-230/460	60	1.15	F	B	3.1	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 %				
6.3	46.0	89.5	89.8	89.0	87.5	0.850	0.820	0.700	15.0	240	290	6306-ZZ	6306-ZZ	9 Lead 2Y/Y	112

NAME PLATE

 North American Electric, Inc.													CONNECTION DIAGRAMS 208 - 230V 		
INVERTER DUTY 20:1 VT; 10:1 CT															
CAT NO: PE184TC-5-4-RB			FRAME 184TC			PHASE 3									
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 5	RPM 1745	HP 5	RPM 1440	DUTY CONT	DES B										
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C	INS F										
FLA 13.9 - 12.6 / 6.3	FLA 15/7.5		DE BEARING 6306-ZZ												
CODE J	P.F. 0.85	CODE G	P.F. 0.85	ODE BEARING 6306-ZZ											
EFF 89.5	MIN 87.5	EFF 87.5	MIN 85.5	LUB: Mobile Polyrex EM											
MOTOR WEIGHT 112 LBS		CONNECTION 9 Lead 2Y/Y		SER NO											
General purpose use on industrial machinery installed in damp, dusty or dirty environments. Hernando, Mississippi										   CC113B			460V 		

APPLICATIONS:

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