

PE184T-7.5-2

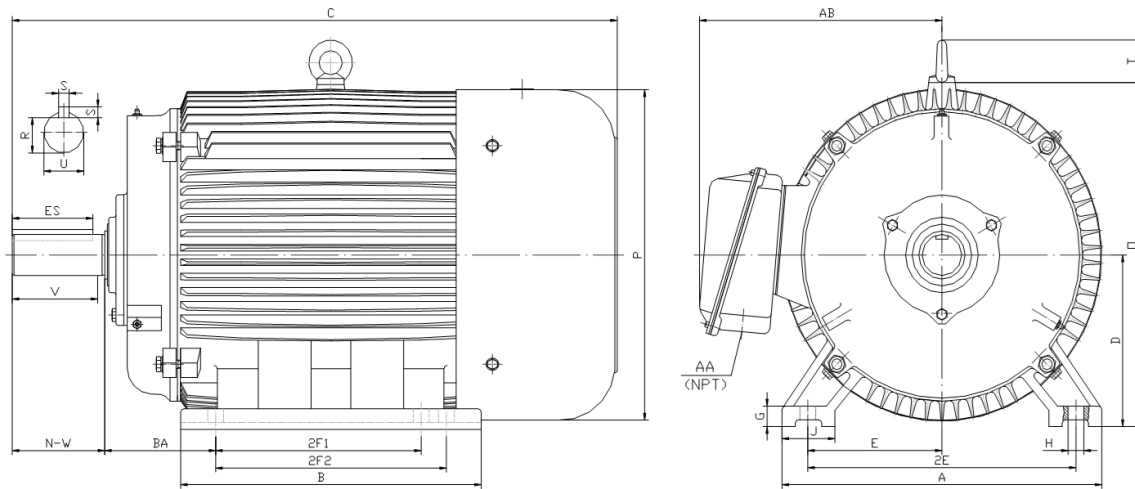
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

TOTALLY ENCLOSED FAN COOLED

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	3600	184T	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

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.125	2.50	0.986	0.250	1.78	2.75	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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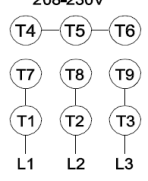
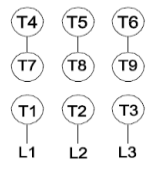



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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
7.5	3500	184T	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 %				
8.8	63	89.5	89.0	88.0	87.5	0.900	0.830	0.730	11.3	190	300	6306-ZZ	6306-ZZ	9 Lead 2Y/Y	117

NAME PLATE

 North American Electric, Inc.															CONNECTION DIAGRAMS 208-230V 		
INVERTER DUTY 20:1 VT; 10:1 CT																	
CAT NO: PE184T-7.5-2				FRAME 184T				PHASE 3				460V 					
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55	HP 7.5	RPM 3500	HP 7.5	RPM 2880	DUTY CONT	DES B						
VOLTS 208-230/460				VOLTS 190/380				AMB 40° C				INS F					
FLA 18.8 - 17.6 / 8.8				FLA 22/11				DE BEARING 6306-ZZ				ODE BEARING 6306-ZZ					
CODE H	P.F. 0.90	CODE E	P.F. 0.92	LUB: Mobil Polyrex EM													
MOTOR WEIGHT 117 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.