



PC182T-3-4

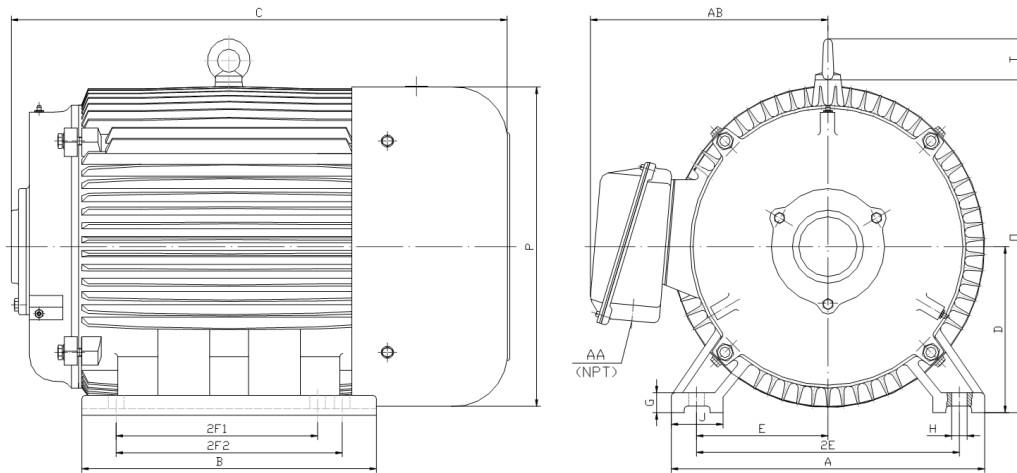
CONVERTER

DESIGNED FOR USE WITH ROTARY PHASE CONVERTER UNITS

TOTALLY ENCLOSED FAN COOLED

SPIKE RESISTANT WIRE (2200V PEAK VOLTAGE SPIKE RATING)

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
3	1800	182T	9.5	7.3	12.35	4.5	0.6	0.41	2	3.75	7.5	4.5	NA	9.1	8.7	1.6	2.75

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
0.75	7.5	6306-ZZ	6306-ZZ	F1

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





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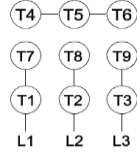
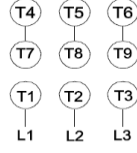



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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
3	1750	182T	208-230/460	60	1.15	F	B	2.8	K	TEFC	55	40 °C

Amps (460V)		Efficiency (%)		Power Factor	Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	NOM.	MIN.	100%	FLT	LRT %	BDT %				
4.4	32	85.5	82.5	0.76	8.8	270	350	6306-ZZ	6306-ZZ	9 Lead 2Y/Y	80

NAME PLATE

										ROTARY PHASE CONVERTER INVERTER DUTY 20:1 VT; 10:1 CT Hernando, MS 38632			CONNECTION DIAGRAMS		
CAT NO. PC182T-3-4				FRAME 182T		WT/LBS 80				208-230V 					
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55										
HP 3	RPM 1750	HP 3	RPM 1500	DUTY CONT	DES B										
VOLTS 208-230/460		VOLTS 190/380		AMB 40 °C	INS F										
AMPS 9.4-8.8/4.4		AMPS 11/5.5		DE BRG	6306-ZZ										
CODE K	P.F. 0.76	CODE H	P.F. 0.78	ODE BRG	6306-ZZ										
EFF 85.5	MIN 82.5	EFF 83.0	MIN 80.0	SER NO				460V 							
		AC INDUCTION CONVERTER													

APPLICATIONS:

Specifically designed for use as the converter component for rotary phase converters.