



PE182T-3-4C

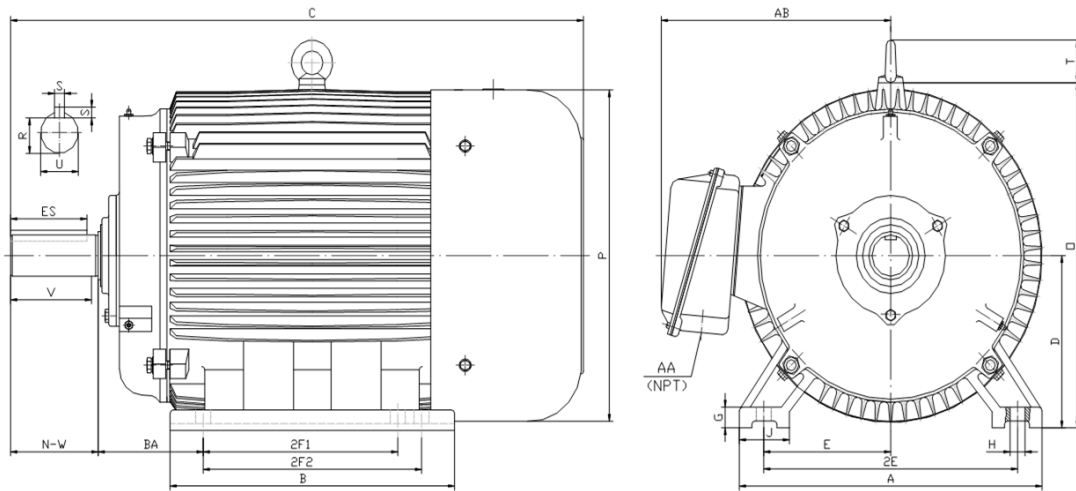
CRUSHER DUTY ELECTRIC MOTOR

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
3	1800	182T	9.50	7.30	16.10	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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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	1765	182T	208-230/460	60	1.15	F	C	2.0	K	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 %				
3.9	32	89.5	89.1	87.6	87.5	0.750	0.680	0.560	9.0	270	320	6306-ZZ	6306-ZZ	9 Lead 2Y/Y	87

NAME PLATE

 North American Electric, Inc.												NEMA Premium			CONNECTION DIAGRAMS														
INVERTER DUTY 20:1 VT; 10:1 CT																													
CAT NO:				PE182T-3-4C				FRAME				182T		PHASE				3											
HZ		60		S.F.		1.15		HZ		50		S.F.		1.0		ENCL		TEFC		IP		55							
HP		3		RPM		1765		HP		3		RPM		1450		DUTY		CONT		DES		C							
VOLTS				208-230/460				VOLTS				190/380				AMB				40° C		INS				F			
FLA				8.3 - 7.8 / 3.9				FLA				9.8/4.9				DE BEARING				6306-ZZ									
CODE				K		P.F.		0.75		CODE				H		P.F.		0.80		ODE BEARING				6306-ZZ					
EFF				89.5		MIN		87.5		EFF				87		MIN		85		LUB:				Mobil Polyrex EM					
MOTOR WEIGHT				87		LBS		CONNECTION				9 Lead 2Y/Y				SER NO													
General purpose use on industrial machinery installed in damp, dusty or dirty environments.												ISO9001 CERTIFIED												CE		CSA US		CC 082A	
Hernando, Mississippi																													

208-230V		
		
		
		
L1	L2	L3

460V		
		
		
		
L1	L2	L3

APPLICATIONS:

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