



PE365T-50-6C

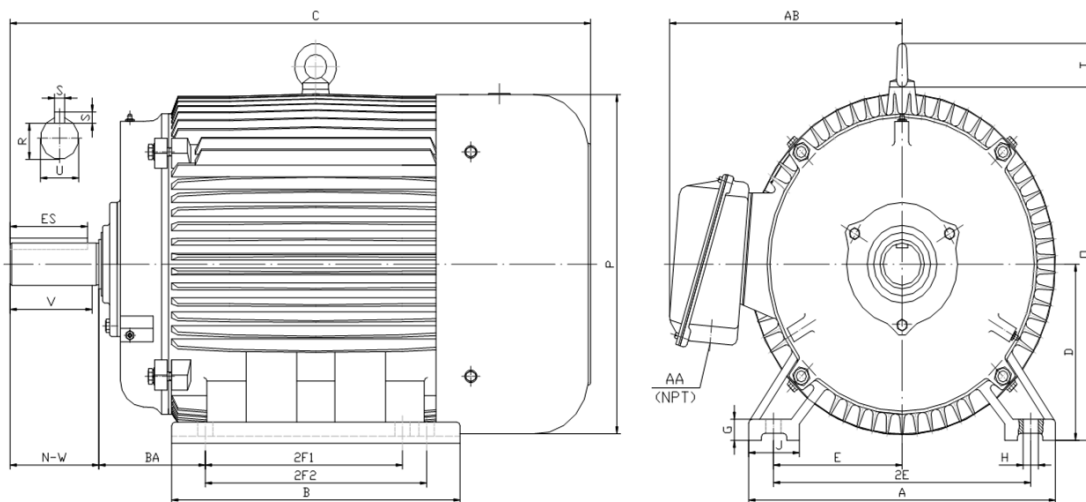
CRUSHER DUTY ELECTRIC MOTOR

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
50	1200	365T	17.10	15.40	33.50	9.00	1.10	0.66	2.95	7.00	14.00	11.25	12.25	18.50	18.40	2.60	5.88

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
2.375	5.62	2.021	0.625	4.28	5.88	3.00	15.00	6313	6313	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP





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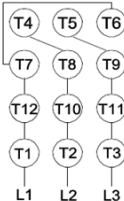
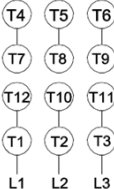
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
50	1187	365T	208-230/460	60	1.15	F	C	1.1	G	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 %				
62.0	362	94.1	94.2	93.8	93.0	0.790	0.760	0.670	222.6	200	260	6313	6313	12 Lead 2Δ/Δ	753

NAME PLATE

 North American Electric, Inc.  INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS 208-230V 	
CAT NO:		PE365T-50-6C		FRAME		365T		PHASE		3	
HZ 60		S.F. 1.15		HZ 50		S.F. 1.0		ENCL TEFC		IP 55	
HP 50		RPM 1187		HP 50		RPM 985		DUTY CONT		DES C	
VOLTS		208-230/460		VOLTS		190/380		AMB 40° C		INS F	
FLA		132 - 124 / 62		FLA		152/76		DE BEARING		6313	
CODE G		P.F. 0.79		CODE F		P.F. 0.80		ODE BEARING		6313	
EFF 94.1		MIN 93.0		EFF 92.5		MIN 91.4		LUB:		Mobil Polyrex EM	
MOTOR WEIGHT		753 LBS		CONNECTION		12 Lead 2Δ/Δ		SER NO			
General purpose use on industrial machinery installed in damp, dusty or dirty environments.    CC 082A Hernando, Mississippi											
460V 											

APPLICATIONS:

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