

PE284TC-15-6C

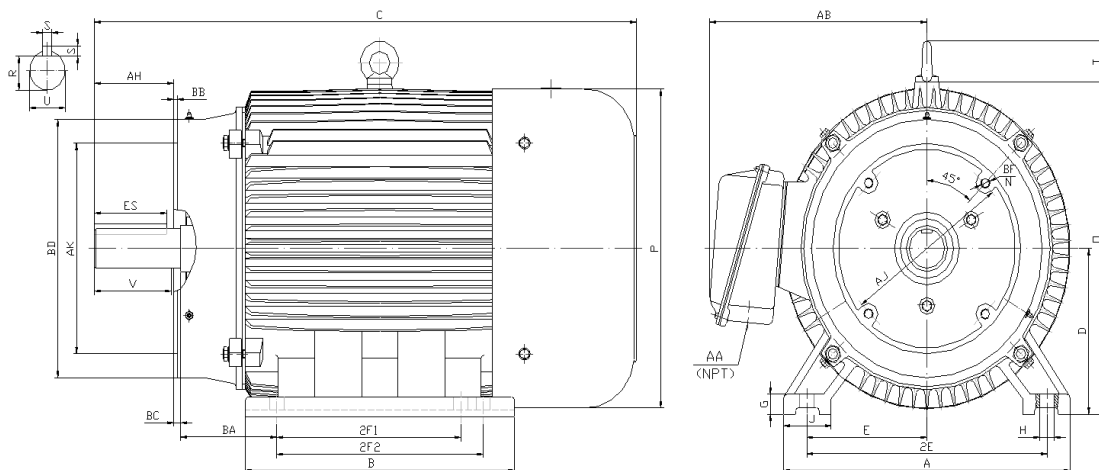
GENERAL PURPOSE ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

THREE PHASE, TOTALLY ENCLOSED FAN COOLED - C-FLANGE W/ FEET

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
15	1200	284TC	14.00	11.70	26.60	7.00	0.85	0.53	2.75	5.50	11.00	9.50	0.00	14.50	14.00	2.20	4.75

FLANGE							Shaft Extension, Key Set						Conduit Box		Bearings		Mount
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	AA	AB	DE	ODE	
4.38	9	10.50	0.25	0.25	11.25	4*1/2-13	1.875	4.38	1.591	0.5	3.28	NA	1.50	11.30	6311	6311	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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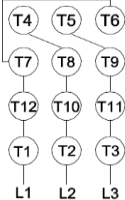
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
15	1180	284TC	208-230/460	60	1.15	F	C	1.7	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 %				
19.0	116.0		91.7	91.7	91.4	90.2	0.770	0.720	0.600	67.07	210	250	6311	6311	12 Lead 2Δ/Δ	317

NAME PLATE

North American Electric, Inc. 										CONNECTION DIAGRAMS 208-230V 													
CAT NO:		PE284TC-15-6C			FRAME		284TC		PHASE		3												
HZ		60		S.F.		1.15		HZ		50		S.F.		1.0		ENCL		TEFC		IP		55	
HP		15		RPM		1180		HP		15		RPM		965		DUTY		CONT		DES		C	
VOLTS		208-230/460				VOLTS		190/380				AMB		40° C				INS		F			
FLA		41 - 38 / 19				FLA		46/23				DE BEARING				6311							
CODE		G		P.F.		0.77		CODE		F		P.F.		0.86		ODE BEARING				6311			
EFF		91.7		MIN		90.2		EFF		89.7		MIN		88.2		LUB:				Mobil Polyrex EM			
MOTOR WEIGHT		317		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																							

APPLICATIONS:

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