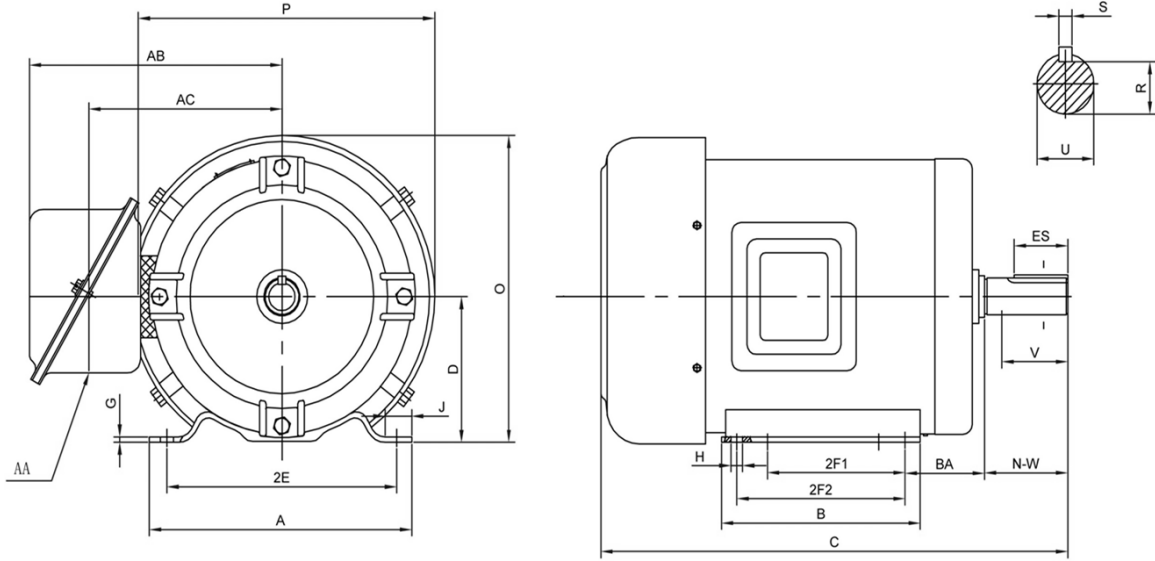


**PR145T1.5M4A**

**GENERAL PURPOSE ELECTRIC MOTOR**  
**NEMA PREMIUM EFFICIENCY**  
**TOTALLY ENCLOSED FAN COOLED**  
**ROLLED STEEL CONSTRUCTION**  
**INVERTER RATED (10:1 VT; 5:1 CT)**



**DIMENSIONS**

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
1.5	1800	145T	6.50	5.90	13.00	3.50	0.12	0.35	1.18	2.75	5.50	4.00	5.00	7.00	6.97	NA	2.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
0.88	2.00	0.77	0.19	1.38	2.25	1.10	6.30	6205	6203	

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

**PR145T1.5M4A**


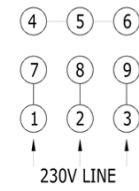
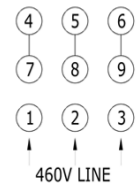




**GENERAL PURPOSE ELECTRIC MOTOR**  
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**ROLLED STEEL CONSTRUCTION**  
**INVERTER RATED (10:1 VT; 5:1 CT)**

**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
1.5	1755	145T	208-230/460	60	1.15	F	B	0.025	M	TEFC	IP44	40°C

Amps (460V)		Efficiency (%)			Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	100%	75%	50%	FLT	LRT %	BDT %				
2.5	18.9	84.8	84.5	82.1	0.71	0.62	0.48	6.01	349	441	6205-2RZC3	6203-2RZC3	9 Lead Y	40

<b>NAME PLATE</b>											
 <p>North American Electric, Inc.</p> <p><b>THREE PHASE ELECTRIC MOTOR</b></p>						<p><b>GENERAL PURPOSE</b></p> <p><b>NEMA Premium</b></p> <p><b>TOTALLY ENCLOSED FAN COOLED</b></p>					
MODEL	HP	1.5	RPM	1755	FRAME	145T					
PR145T1.5M4A	ENCL	TEFC	HZ	60	PHASE	3					
VOLT	208-230/460	AMPS	4.8-4.4/2.2	S.F.	1.15	DESIGN	B				
S.F. AMPS	5.5-5.1/2.5	CLASS	F	CODE	M	LBS	40				
DE BEARING	6203-2RZC3										
ODE BEARING	6203-2RZC3										
RATING	CONT	MAX AMB.	40°C								
SER											
Hernando, MS <a href="http://www.naemotors.com">www.naemotors.com</a>											

**APPLICATIONS:**

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