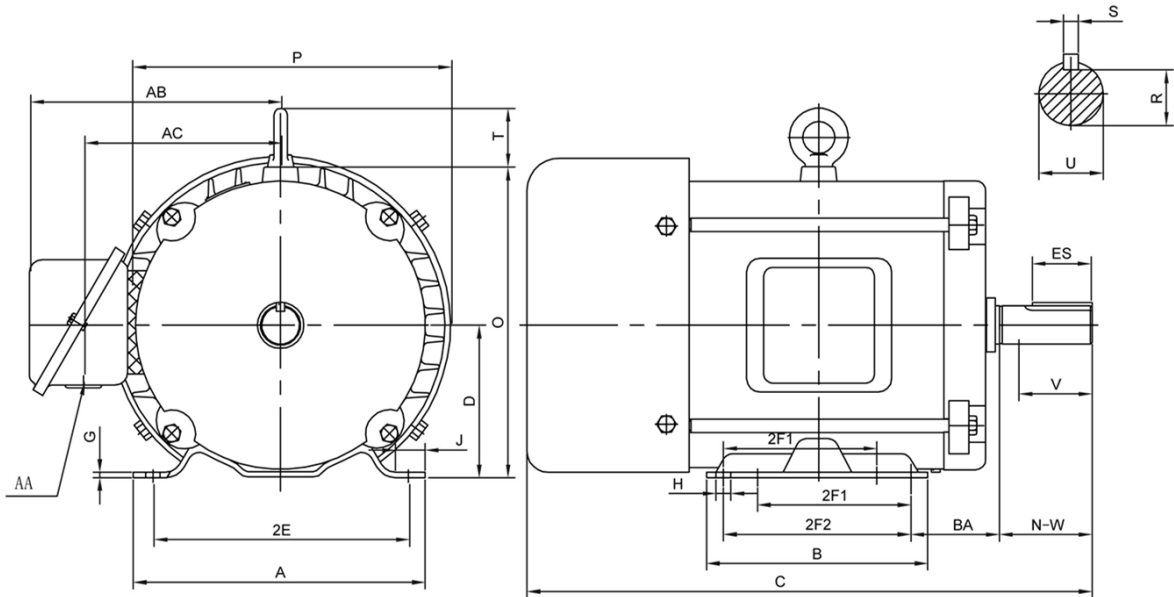


**PR182T3M2A**

**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
3	3600	182T	8.50	6.50	15.80	4.50	0.16	0.43	0.95	3.75	7.50	4.50	5.50	9.25	10.10	2.00	2.75

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.13	2.50	0.99	0.25	1.75	2.75	1.10	7.30	6206	6206	

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

## PR182T3M2A


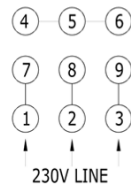
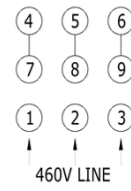




**GENERAL PURPOSE ELECTRIC MOTOR**  
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**TOTALLY ENCLOSED FAN COOLED**  
**ROLLED STEEL CONSTRUCTION**  
**INVERTER RATED (10:1 VT; 5:1 CT)**

### 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
3	3535	182T	208-230/460	60	1.15	F	B	0.018	J	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 %				
3.8	29	87.4	87.1	84.9	0.84	0.79	0.7	6.05	226	380	6206-2RZC3	6206-2RZC3	9 Lead Y	71

NAME PLATE											
 <b>North American Electric, Inc.</b>						<b>GENERAL PURPOSE</b> <b>NEMA Premium</b> <b>TOTALLY ENCLOSED FAN COOLED</b>					
<b>THREE PHASE ELECTRIC MOTOR</b>											
MODEL	HP	3	RPM	3535	FRAME	182T					
PR182T3M2A	ENCL	TEFC	HZ	60	PHASE	3					
VOLT	208-230/460	AMPS	8.2-7.6/3.8	S.F.	1.15	DESIGN	B				
S.F. AMPS	9.4-8.7/4.4	CLASS	F	CODE	J	LBS	71				
DE BEARING	6206-2RZC3										
ODE BEARING	6206-2RZC3										
RATING	CONT	MAX AMB.	40°C								
SER											
Hernando, MS www.naemotors.com											

#### APPLICATIONS:

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