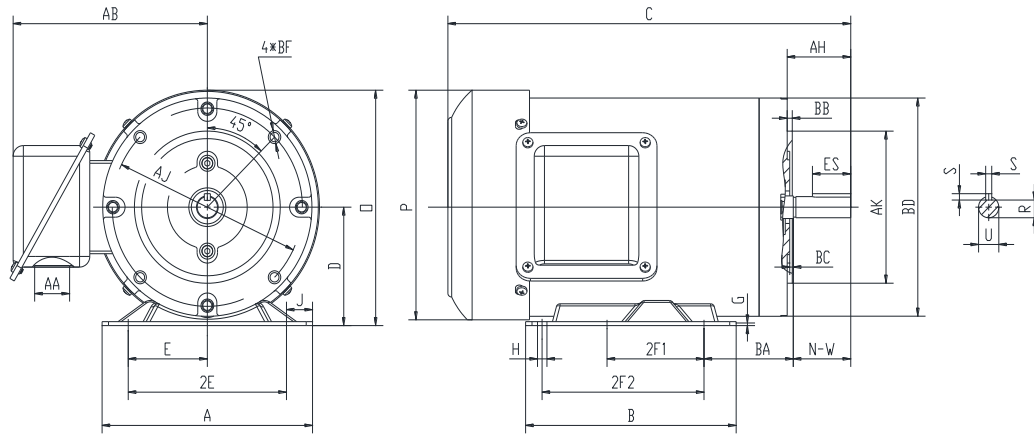


## PR56C1M2A

GENERAL PURPOSE ELECTRIC MOTOR  
 NEMA PREMIUM EFFICIENCY  
 ROLLED STEEL CONSTRUCTION  
 TOTALLY ENCLOSED FAN COOLED  
 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	3600	56C	6.3	4	10.7	3.5	0.12	0.34	0.71	2.44	4.88	3	NA	7	6.8	NA	2.75

FLANGE							Shaft Extension, Key Set						
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	
2.06	5.875	4.5	0.16	0.19	6.46	4*3/8-16	0.625	NA	0.517	0.188	1.41	1.88	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
1.1	6	6203-2RZC3	6203-2RZC3	F1

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



## PR56C1M2A



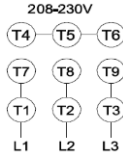
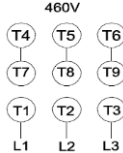


**GENERAL PURPOSE ELECTRIC MOTOR**  
**NEMA PREMIUM EFFICIENCY**  
**ROLLED STEEL CONSTRUCTION**  
**TOTALLY ENCLOSED FAN COOLED**  
**INVERTER RATED (10:1 VT; 5:1 CT)**

### 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	3510	56C	208-230/460	60	1.15	F	B	2.5	N	TEFC	55	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 %				
1.38	11.9	77.0	81.3	77.1	0.83	0.76	0.65	1.51	375	423	6203-2RZC3	6203-2RZC3	9 Lead 2Y/Y	24

### NAME PLATE

		THREE PHASE AC INDUCTION MOTOR					
CAT NO:	PR56C1M2A	FRAME	56C	PH	3		
HZ	60	S.F.	1.15	ENCL	TEFC	IP	55
HP	1	RPM	3510	DUTY	CONT	DES	B
VOLT	208-230/460	AMB	40 °C	INS	F		
FLA	2.9-2.7/1.35	DE BRG			6203-2RZC3		
CODE	N	P.F.	0.83	ODE BRG	6203-2RZC3		
EFF	77.0	MIN	74.0	LBS		24	
CONNECTION	9 Lead 2Y/Y	SER NO.					
Hernando, MS <a href="http://www.naemotors.com">www.naemotors.com</a>						<b>CC340B</b>	

### APPLICATIONS:

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