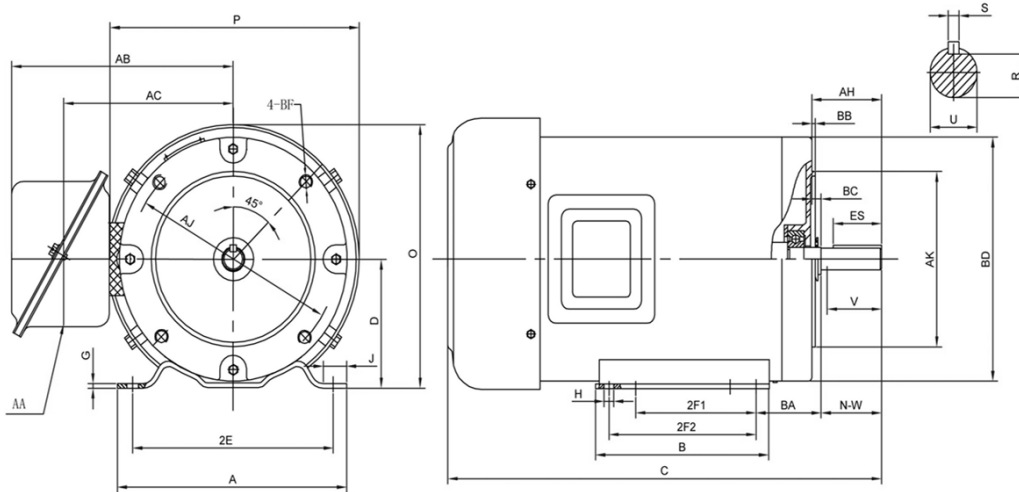


## PR56CH2M4D

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
2	1800	56CH	6.50	6.50	12.60	3.50	0.12	0.35	1.06	2.44	4.88	3.00	5	7.00	6.97	NA	2.75

FLANGE							Shaft Extension, Key Set						
AH	AJ	AK	BB	BC	BD	BF	U	V	R	S	ES	N-W	
2.07	5.875	4.50	0.16	-0.19	6.50	3/8-16UNC	0.625	1.50	0.517	0.188	1.38	1.88	

Conduit Box		Bearings		Mount
AA	AB	DE	ODE	
0.80	6.30	6203	6203	F1

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



## PR56CH2M4D

**GENERAL PURPOSE ELECTRIC MOTOR**  
**NEMA PREMIUM EFFICIENCY**  
**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
2	1754	56C H	208-230/460	60	1.15	F	B	0.026	L	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 %				
2.47	18.2	85.7	85.3	82.7	0.71	0.63	0.49	4.41	293	398	6203-2RZC3	6203-2RZC3	9 Lead 2Y/Y	42

NAME PLATE											
						<b>GENERAL PURPOSE</b> <b>NEMA Premium</b> <b>TOTALLY ENCLOSED FAN COOLED</b>					
THREE PHASE ELECTRIC MOTOR											
MODEL	HP	2	RPM	1754	FRAME	56C H					
PR56CH2M4D	ENCL	TEFC	HZ	60	PHASE	3					
VOLT	208-230/460	AMPS	2.4	S.F.	1.15	DESIGN	B				
S.F. AMPS	2.8	CLASS	F	CODE	L	LBS	42				
DE BEARING	6203-2RZC3										
ODE BEARING	6203-2RZC3										
RATING	CONT	MAX AMB.	40°C								
SER											
Hernando, MS www.naemotors.com			ISO9001 CERTIFIED		CE		NEMA Premium		SP US		

### APPLICATIONS:

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