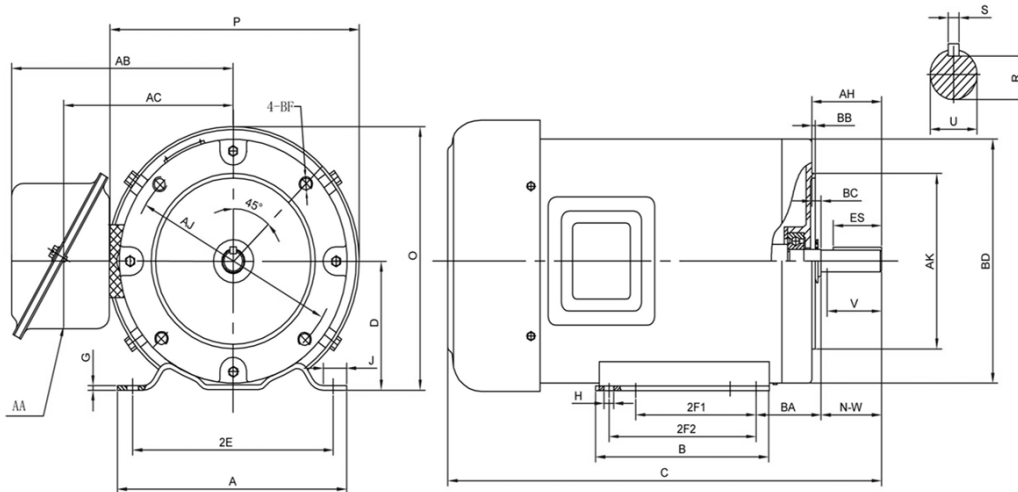


PR56CH3M2D

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	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	

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




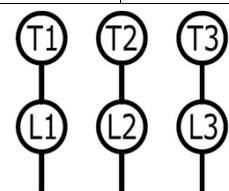




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GENERAL PURPOSE ELECTRIC MOTOR
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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
3	3490	56C H	208-230/460	60	1.15	F	B	0.031	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 %				
2.93	26.7	87.8	87.2	86.4	0.87	0.88	0.79	4.35	325	330	6203-2RZC3	6203-2RZC3	9 Lead 2Y/Y	40

NAME PLATE							
 North American Electric, Inc.			GENERAL PURPOSE NEMA Premium TOTALLY ENCLOSED FAN COOLED				
THREE PHASE ELECTRIC MOTOR							
MODEL	HP	3	RPM	3490	FRAME	56C H	
PR56CH3M2D	ENCL	TEFC	HZ	60	PHASE	3	
VOLT	208-230/460	AMPS	2.9	S.F.	1.15	DESIGN	B
S.F. AMPS	3.3	CLASS	F	CODE	J	LBS	40
DE BEARING	6203-2RZC3						
ODE BEARING	6203-2RZC3						
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.