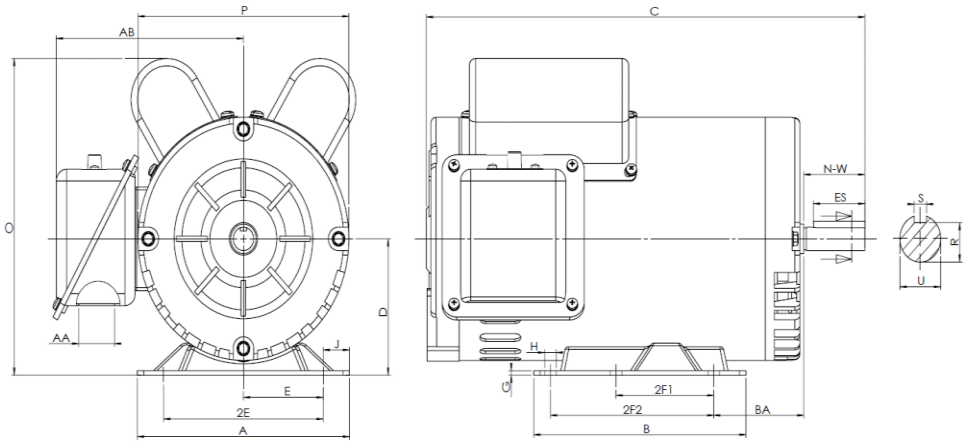
North American Electric

D56H5S2C-MO

GENERAL PURPOSE / COMPRESSOR DUTY ELECTRIC MOTOR
SINGLE PHASE - CAPACITOR START / CAPACITOR RUN
HIGH STARTING TORQUE
ROLLED STEEL CONSTRUCTION
OPEN DRIP PROOF



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
5	3600	56H	6.5	6.5	13.4	3.5	0.12	0.34	0.81	2.44	4.88	3	5	8.5	6.5	NA	2.75

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
0.625	NA	0.517	0.188	1.41	1.88	1.1	5.75	6205-2RZC3	6203-2RZC3	F1

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

ISO9001 CERTIFIED

CE

C SA US

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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
5	3510	56H	208-230	60	1.15	F	L	2.5	F	ODP	23	40 ℃

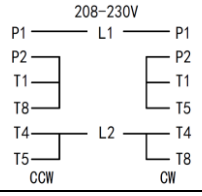
Amps (230V)		Efficiency (%)			Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	100%	75%	50%	FLT	LRT %	BDT %				
18.9	119	86.5	85.2	80.1	0.99	0.97	0.92	10.2	250	211	6205-2RZC3	6203-2RZC3	5 Lead	55.8

NAME PLATE

North American Electric

COMPRESSOR DUTY
SINGLE PHASE AC ELECTRIC MOTOR
HIGH STARTING TORQUE
MANUAL OVERLOAD PROTECTION

MODEL	D56H5S2C-MO			HP	5
FRAME	56H	ENCL	ODP	PH	1
RPM	3510	CODE	F	HZ	60
DESIGN	L	CLASS	F	S.F.	1.15
EFFICIENCY	86.5	P.F.	0.99	IP RATING	23
DE BRG	6205-2RZC3	ODE BRG	6203-2RZC3		
VOLT	208-230			LBS	55.8
AMPS	20.94-18.94			DUTY	CONT
S.F.AMPS	25.7-21.8			MAX AMB	40 ℃
CONNECTION	5 Lead			SER #	



Hernando, MS
www.naemotors.com
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601196

APPLICATIONS:

General purpose use on pumps, fans, conveyors, blowers, air compressors, refrigeration equipment, milling machines, tools, farm equipment, aeration equipment and other general purpose applications where contaminants are minimal.