

# PRODUCT INFORMATION PACKET



Model No: C4D17VK24A

Catalog No: 109065.00

1/4HP.1750RPM.NS56C.TENV.90V.CONT.40C.1.0SF.RIGID C.DC WASHGUARD ALL-  
STAINLESS.C4D17VK24A

NEMA



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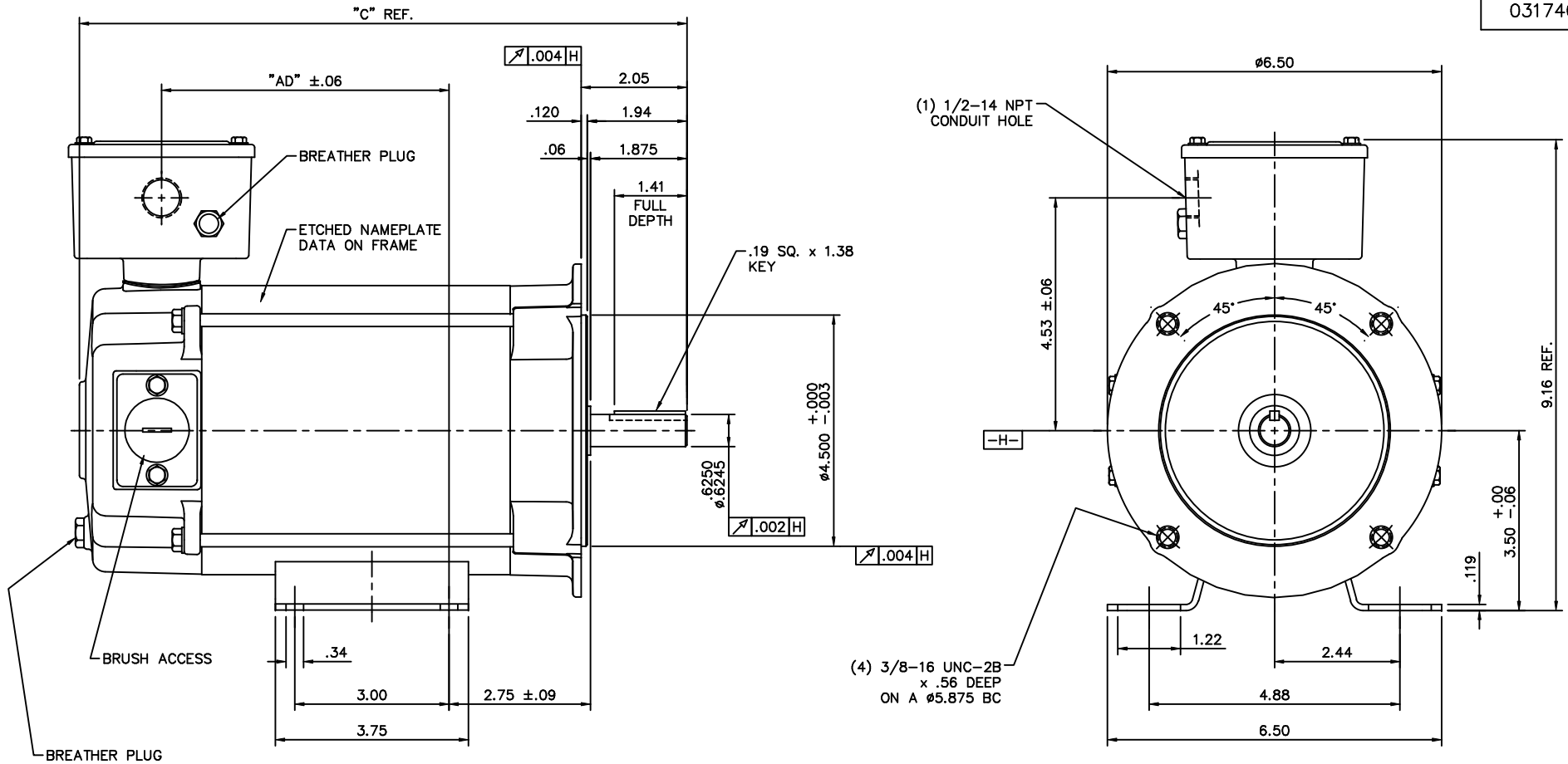
### Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Voltage	90 V	Current	3.1 A
Speed	1750 rpm	Service Factor	1
Efficiency	67.5 %	Duty	Continuous
Insulation Class	F	Frame	NS56C
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

### Technical Specifications

Rotation	Reversible	Mounting	Rigid C base
Overall Length	11.81 in	Frame Length	6.13 in
Shaft Diameter	0.625 in	Shaft Extension	2.05 in
Outline Drawing	031740-NS56C	Connection Diagram	005487

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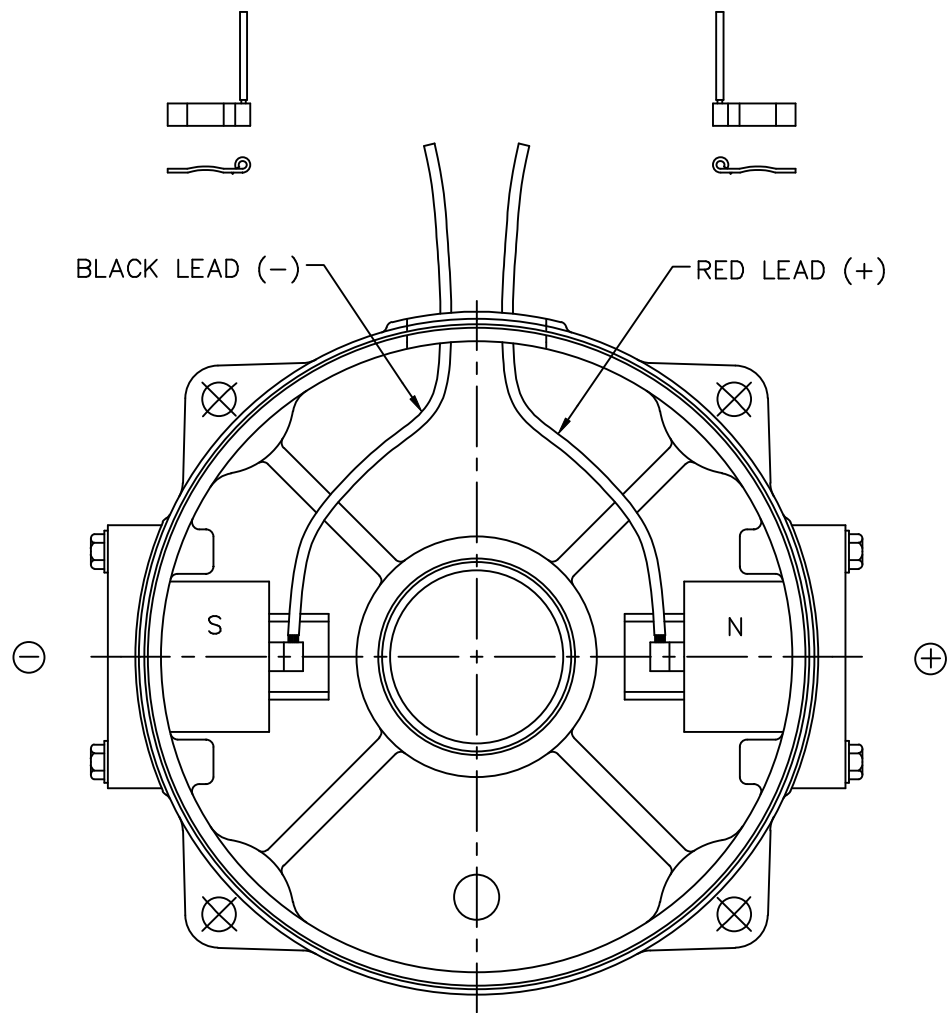
(4) 3/8-16 UNC-2B  
x .56 DEEP  
ON A Ø5.875 BC

FRAME	"C"	"AD"
NS56C	11.81	5.59
RS56C	12.31	6.09
US56C	12.81	6.59


**STAINLESS STEEL WASHGUARD MOTOR**  
SPECIAL FEATURES:

- 1) VITON CONDUIT BOX & COVER GASKETS
- 2) VITON O-RINGS IN ENDBELL RABBETS
- 3) VITON O-RINGS IN BRUSH HOLDER & CAP
- 4) VITON SHAFT SEAL
- 5) BREATHER PLUGS IN CONDUIT BOX & ENDBELL
- 6) ETCHED NAMEPLATE DATA ON MOTOR FRAME
- 7) ALL-STAINLESS STEEL CONSTRUCTION

				TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 9/8/03			
				DEC.	INCHES			CHK	APPD	PG 11/30/04	
				.X	±.1	TITLE		SCALE	1=2		
02	ADDED FRAME DESIGNATION TO TABLE, PER 109066.00	IPG	2/10/05	SAD	.XXX	OUTLINE - S56C FRAME RIGID "C" FACE MOUNT - TENV		REF	030968		
01	RELEASED FOR PRODUCTION	PG	11/30/04	PG	.XXXX	MAT'L		FMF	STANDARD		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT						RFP	CAD FILE	031740	SIZE	DRAWING NO.	REV.
						DIST			B	031740.00	02



EXTERNAL CONNECTIONS FOR CCWLE ROTATION  
 VIEWING LEAD END OF MOTOR WITH RED LEAD  
 POSITIVE AND BLACK LEAD NEGATIVE.  
 FOR CW ROTATION, REVERSE POLARITY.

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 12/10/04		
				DEC.	INCHES		CHK		
				.X	±.1		APPD PG 12/10/04		
				.XX	±.01		SCALE 5=8		
				.XXX	±.005		REF		
				.XXXX	±.0005	MAT'L.	FMF 109075.00		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV		
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				DIST					