

# PRODUCT INFORMATION PACKET



Model No: C4D17VK25A

Catalog No: 109066.00

1/3HP.1750RPM.US56C.TENV.90V.CONT.40C.1.0SF.RIGID C.DC WASHGUARD ALL-  
STAINLESS.C4D17VK25A

NEMA



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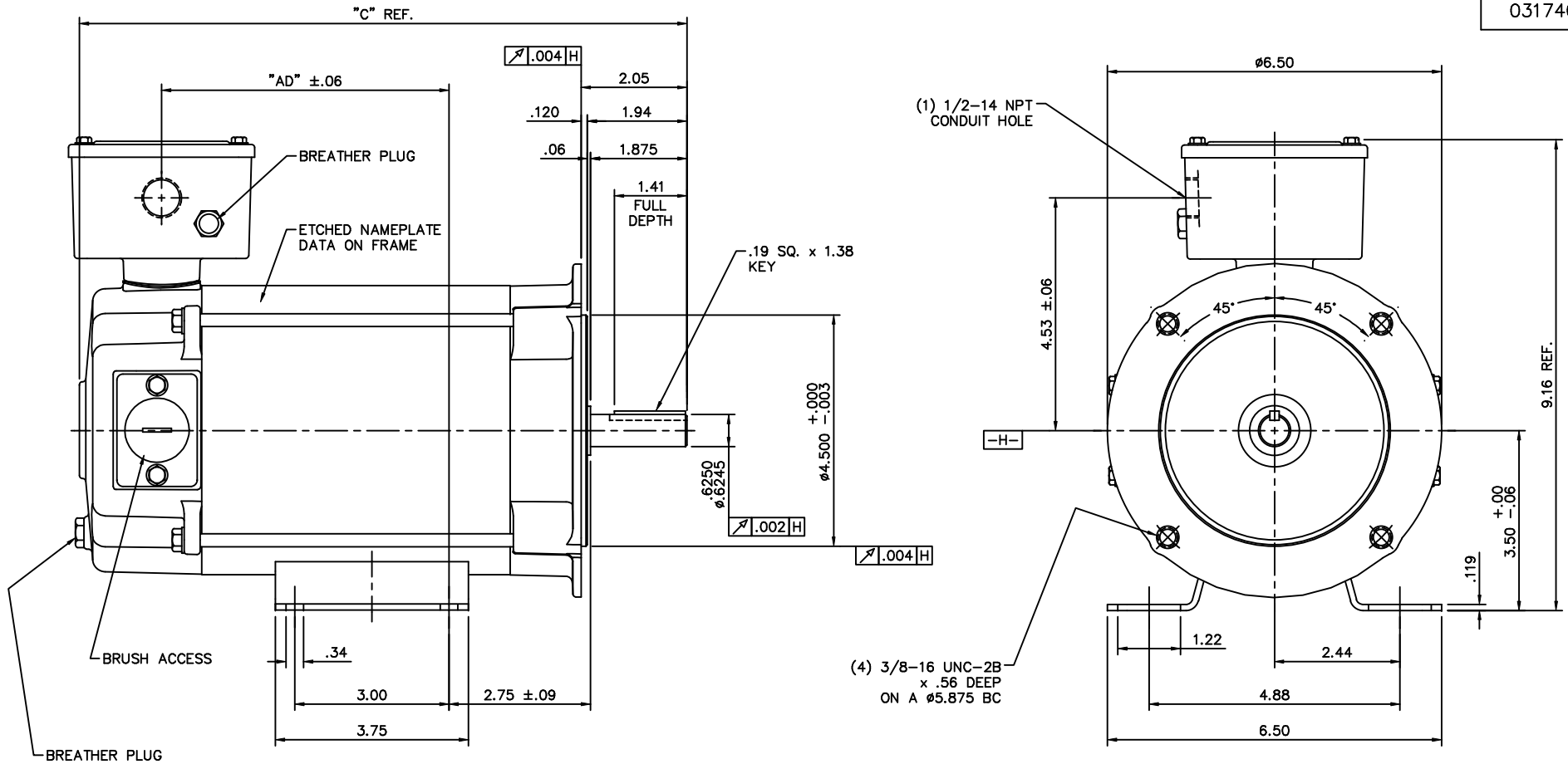
### Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Voltage	<b>90 V</b>	Current	<b>3.8 A</b>
Speed	<b>1750 rpm</b>	Service Factor	<b>1</b>
Efficiency	<b>74 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Frame	<b>US56C</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6205</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>

### Technical Specifications

Rotation	<b>Reversible</b>	Mounting	<b>Rigid C base</b>
Overall Length	<b>12.81 in</b>	Frame Length	<b>7.25 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>2.05 in</b>
Outline Drawing	<b>031740-US56C</b>	Connection Diagram	<b>005487</b>

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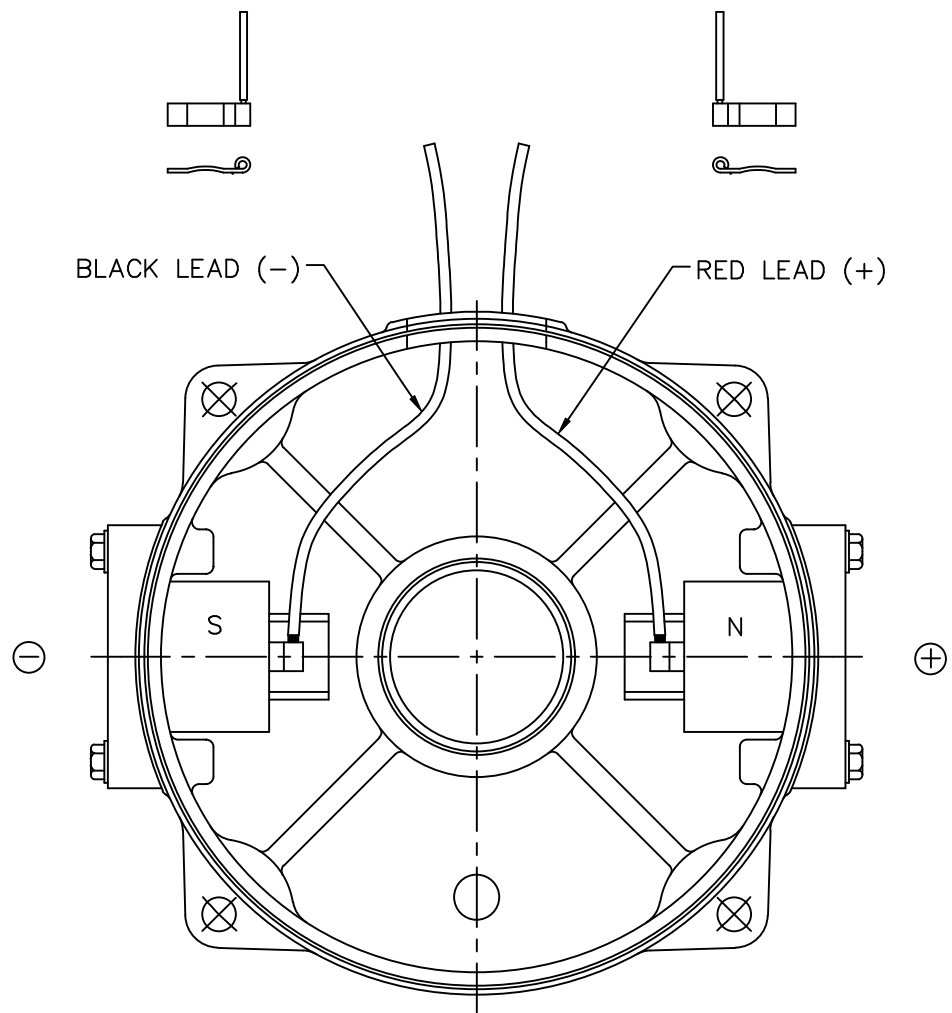


**STAINLESS STEEL WASHGUARD MOTOR**  
SPECIAL FEATURES:


- 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

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

				TOLERANCES UNLESS SPECIFIED		<b>LEESON</b> ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PG 9/8/03		
				DEC.	INCHES			CHK		
				.X	±.1	TITLE OUTLINE - S56C FRAME RIGID "C" FACE MOUNT - TENV		APPD PG 11/30/04	SCALE 1=2	
02	ADDED FRAME DESIGNATION TO TABLE, PER 109066.00	IPG 2/10/05	SAD	.XXX	±.005			REF 030968		
01	RELEASED FOR PRODUCTION	PG 11/30/04	PG	.XXXX	±.0005	MAT'L STAINLESS STEEL MOTOR	FMF STANDARD			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV			
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						DIST				



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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