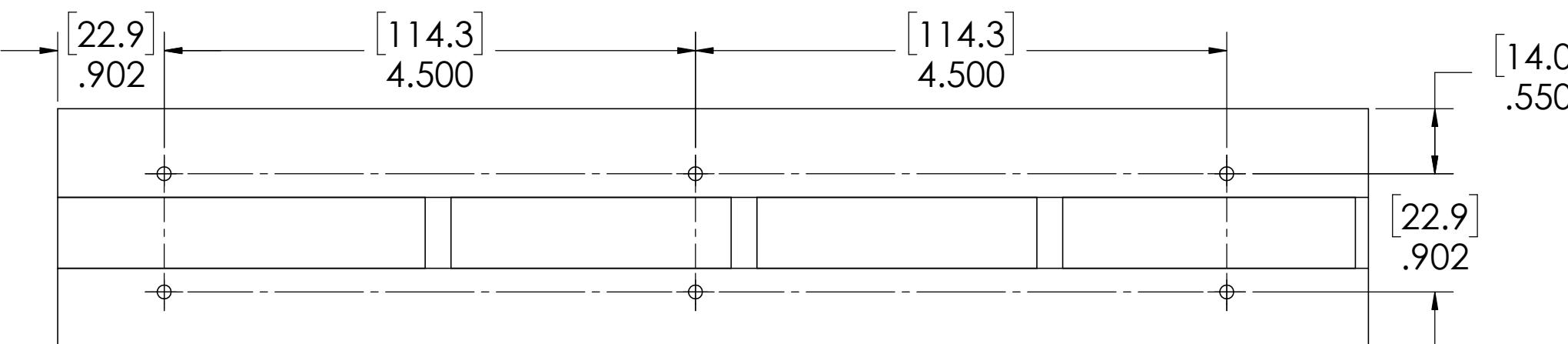


REVISION TABLE

REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	FGW	1-15-03
A	---	---	OOG	FGW	1-15-03
B	---	---	OOG	FGW	1-15-03
C	---	---	OOG	FGW	1-15-03
D	---	---	OOG	FGW	1-15-03
E	1220	---	OOG	FGW	1-15-03

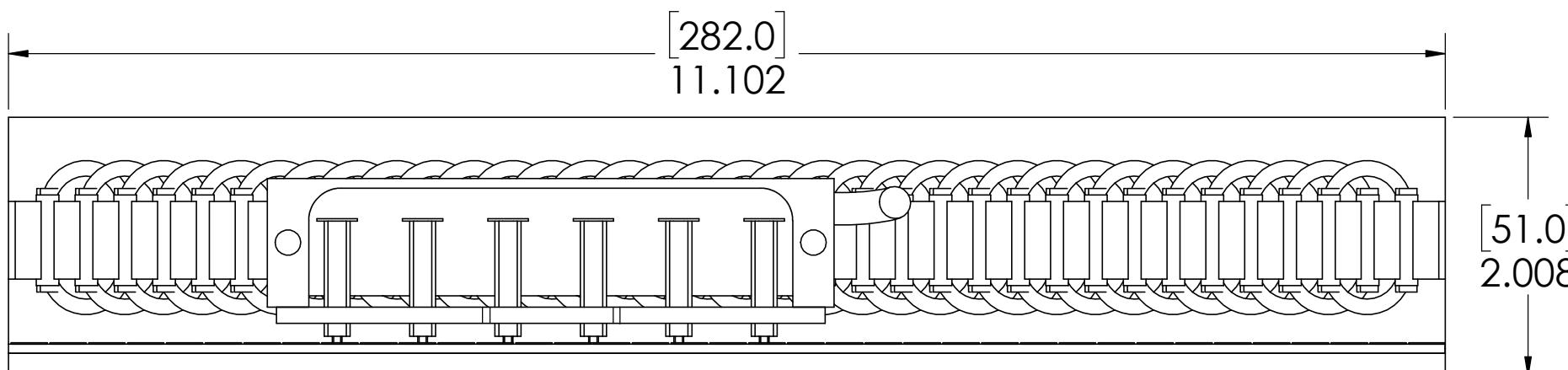
A

A



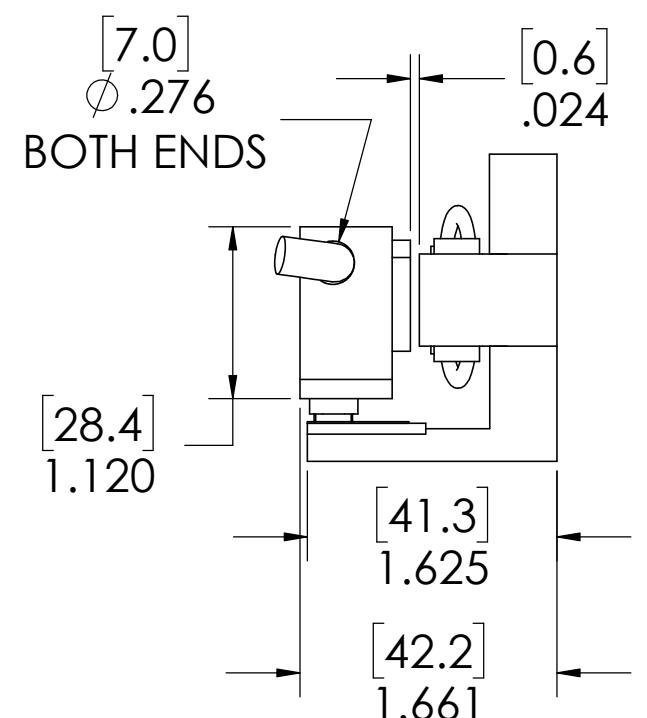
B

B



C

C



D

D



BRUSH LINEAR MOTOR SPECIFICATIONS

Travel (Stroke)	6.7 in	170 mm
Air Gap	0.02 in	0.6 mm
Force @ 100% Duty Cycle	4.2 lbs	18.6 N
Force @ 10% Duty Cycle	12.5 lbs	55.8 N
Current @ 100% Duty Cycle	5.0 amps	
Current @ 10% Duty Cycle	15.0 amps	
Resistance @ 20°C	1.2 ohms	
Electrical Time Constant	1.2 msec	
Back Emf	4.0 V/m/sec	
Motor Constant	4.0 N/amp	
Magnetic Attraction	200 N	

