



REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
F	---	Original Drawing	YEN	MPW	5-5-06

A

B

C

D

A

B

C

D

BRUSH LINEAR MOTOR SPECIFICATIONS		
Travel (Stroke)	21.1 in	536 mm
Air Gap	0.03 in	0.8 mm
Force @ 100% Duty Cycle	13.0 lbs	57.8 N
Force @ 10% Duty Cycle	39.1 lbs	174 N
Current @ 100% Duty Cycle	5.0 amps	
Current @ 10% Duty Cycle	15.0 amps	
Resistance @ 20°C	2.6 ohms	
Electrical Time Constant	2.1 msec	
Back Emf	11.6 V/m/sec	
Motor Constant	11.6 N/amp	
Magnetic Attraction	600 N	

