

Digit Page	Ultra Motion Digit linear actuator
part number: D-A.083-HT17-2-P-/RBC4	
max force: 75 lbs max speed: 3.3 in/sec backlash: 0.0005 in linear step resolution: 2400 steps/in	
actuator speed/force graph: D - A.083 - HT17	
A.M.P. 3540i driver parallel coil wiring 24VDC supply 1.7A/phase 100% Duty	
lead screw: A.083 - Acme nut, 0.0833 in/rev lead screw	
pitch: 0.0833 in/rev efficiency: 48 % (self locking) dynamic load: 100 lb*in/sec (100% duty cycle)	
motor: HT17 - High-torque NEMA 17 size stepper motor	
coil impedance: 3.3 ohms coil inductance: 3 mH coil voltage: 4 volts coil current: 1.2 amps	

step angle: 1.8 degrees drawing: PDF DXF
stroke length: 2 inches
potentiometer: P - Precision linear potentiometer
total resistance: 3 K ohms linearity: 2 %
nose mount: RBC4 - Large nose rod bearing clevis
drawing: PDF DXF