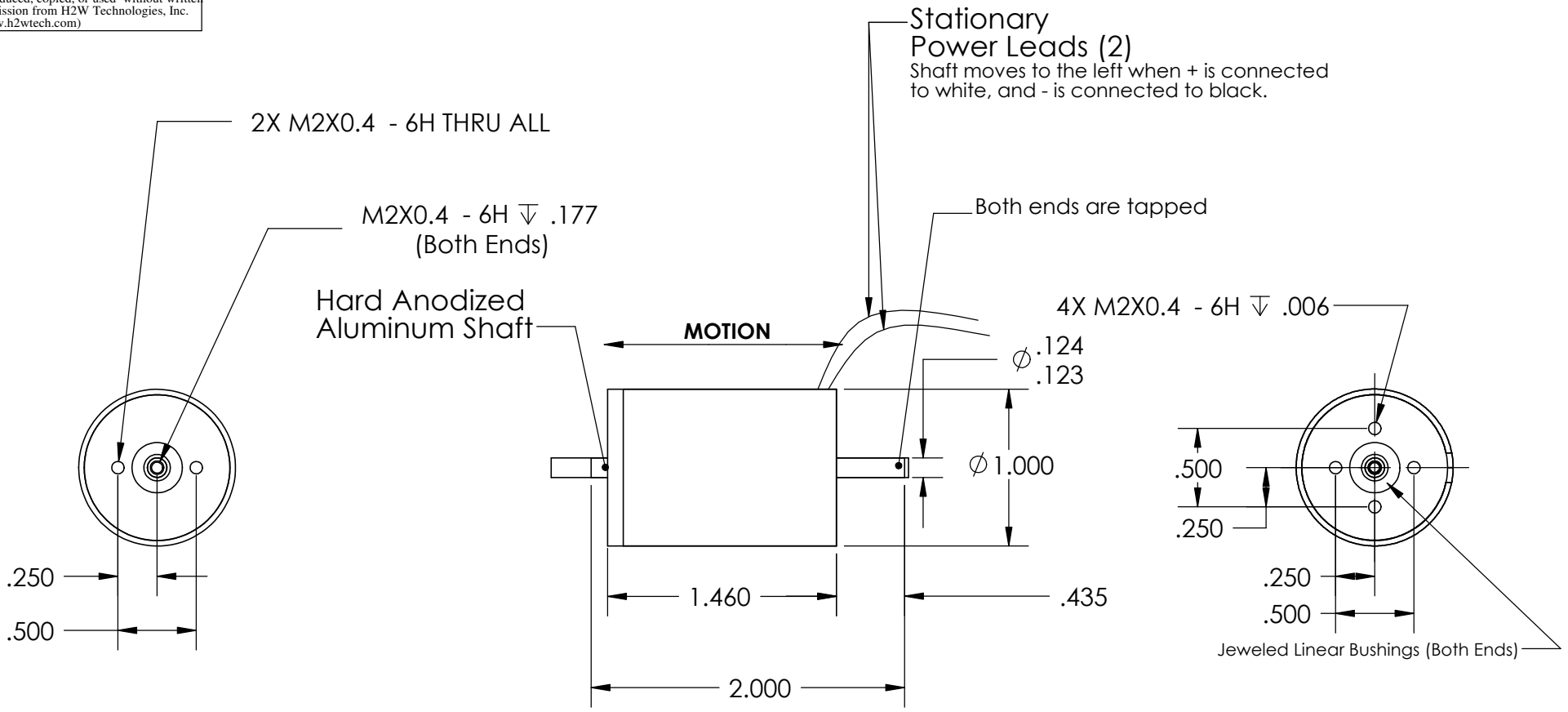
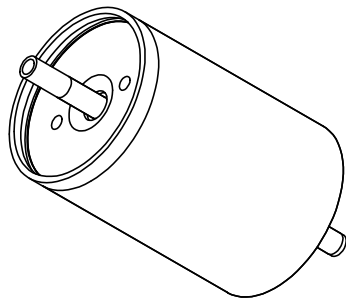


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The actuator shaft is shown fully retracted to the right



UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX \pm .005 ANGLES \pm 1°
.XX \pm .010 FILLETS .010
X \pm .020 CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	10-24-08	MPW	10-24-08

TITLE			
H2W Technologies, Inc. 28310-C Ave Crocker Valencia, CA 91355 USA Tel: (661)-702-9346 Fax: (661)-702-9348 www.h2wtech.com			
NCM02-10-012-2JB Moving Magnet Non-Commutated DC Linear Actuator			
DWG #	REV	SHEET	
30-0869	---	1 of 2	

MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM02-10-012-2JB	
Stroke	0.20"	5.1 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Jeweled Bushings	
Moving Mass	0.05 lbs	24 grams
Total Mass	0.18 lbs	81 grams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	0.7 mH	
Electrical Time Constant	0.23 msec	
Motor Constant	0.60 LBS/SQRT(Watt)	3.78 N/SQRT(Watt)
Force Constant	1.0 LBS/Amp	4.6 N/Amp
Back EMF	0.12 V/ips	4.6 V/m/sec
Continuous Force	1.2 LBS	5.3 N
Max Power @ 100% Duty	4 Watts	
Peak Force	3.6 LBS	16.0 N
Max Power @ 10% Duty	36 Watts	

TITLE	NCM02-10-012-2JB Moving Magnet Non-Commutated DC Linear Actuator		
DWG #	30-0869	REV	---
		SHEET	2 of 2