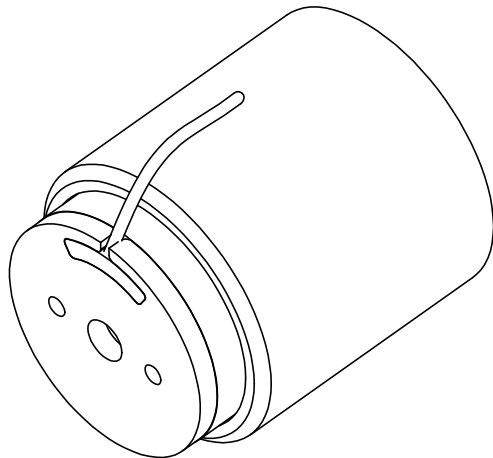
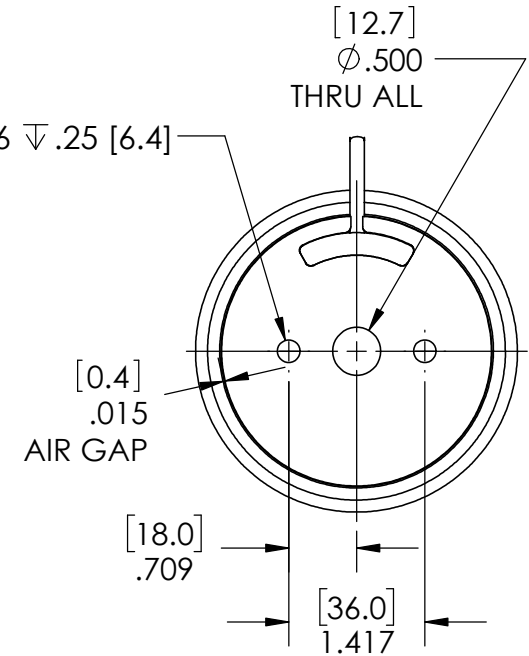
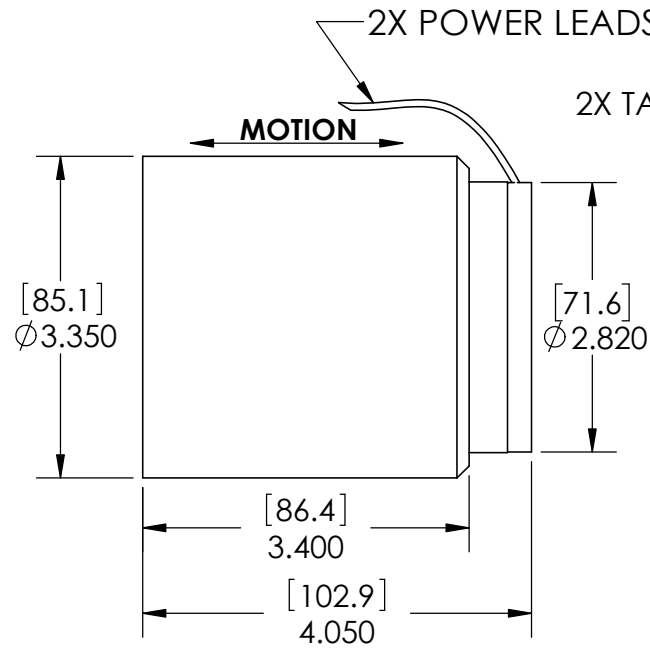
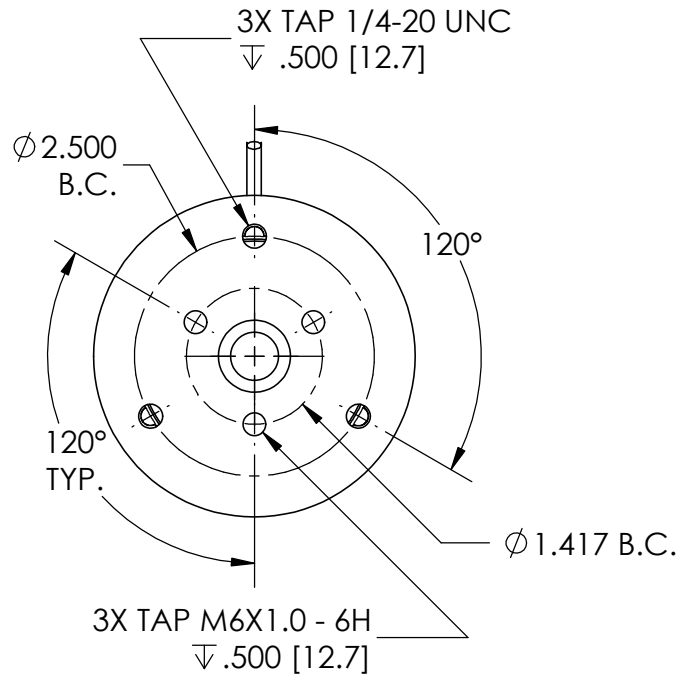


# ACTUATOR SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	6-15-06



**H2W Technologies, Inc.**  
Santa Clarita, CA 91350 USA  
Tel: (661) 291-1620  
[www.h2wtech.com](http://www.h2wtech.com)

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

**FOR  
REFERENCE  
ONLY**

MATERIAL  
  
FINISH

TITLE

**Voice Coil Actuator  
Model #: NCC08-34-350-2H**

DWG # **30-1012**  
REV ----  
DATE 6-15-06 SHEET 1 of 2

1

2

3

4

5

A

A

B

B

C

C

D

D

## MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC08-34-350-2H	
Stroke	0.80"	20.3 mm
Radial Clearance	0.015" per side	0.38 mm per side
Bearing Type	None Provided	
Moving Mass	1.0 lbs	0.46 kgrams
Total Mass	7.4 lbs	3.35 kgrams
Resistance @ 20C	6.25 ohms	
Inductance @ 20C	5.0 mH	
Electrical Time Constant	0.80 msec	
Motor Constant	4.98 LBS/SQRT(Watt)	22.6 N/SQRT(Watt)
Force Constant	12.8 LBS/Amp	56.9 N/Amp
Back EMF	1.4 V/ips	56.9 V/m/sec
Continuous Force	30 LBS	134 N
Max Power @ 100% Duty	36 Watts	
Peak Force	90 LBS	401 N
Max Power @ 10% Duty	330 Watts	



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SHEET

2 of 2