

1

2

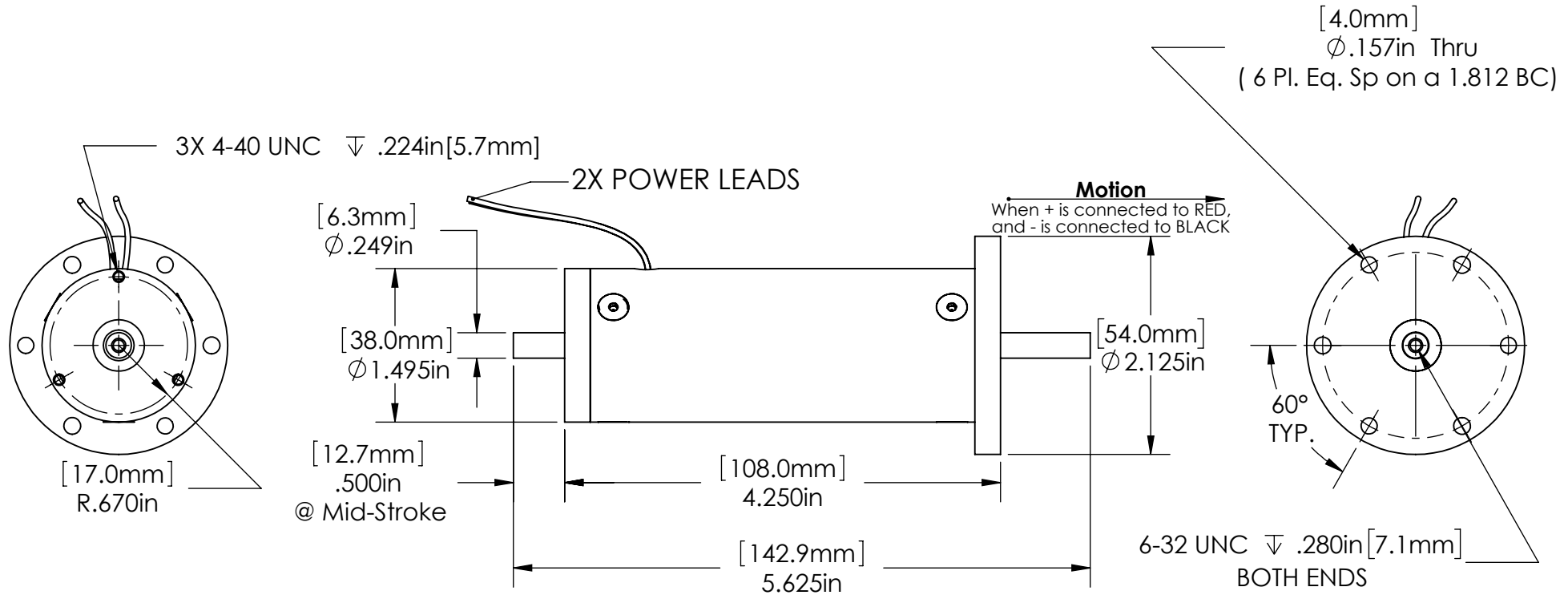
3

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5

REVISION TABLE

REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
B	---	----	OOG	MPW	5-29-02



H2W Technologies, Inc.
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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

**FOR
REFERENCE
ONLY**

MATERIAL

FINISH

TITLE

Voice Coil Actuator Model #:
NCM10-15-020-2LB

DWG #

30-0367

REV

B

DATE

5-29-02

SHEET

1 of 2

1

2

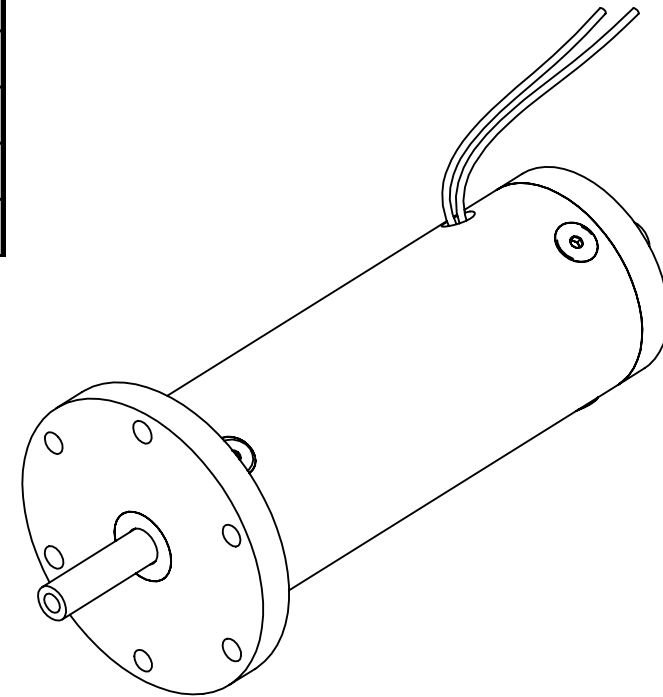
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4

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MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCM10-15-020-2LB	
Stroke	1.00 in	25.4 mm
Bearing Type	Linear Bushings	
Moving Mass	0.47 lbs	210 grams
Total Mass	1.65 lbs	750 grams
Resistance @ 20C	3.5 ohms	
Inductance @ 20C	1.5 mH	
Electrical Time Constant	0.43 msec	
Motor Constant	0.91 lbs/sqrt(Watt)	4.07 N/sqrt(Watt)
Force Constant	1.76 lbs/Amp	7.84 N/Amp
Back EMF	0.20 V/ips	7.84 V/m/sec
Continuous Force	2.0 lbs	8.9 N
Max Power @ 100% Duty	5 Watts	
Peak Force	6.0 lbs	26.7 N
Max Power @ 10% Duty	44 Watts	



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2 of 2