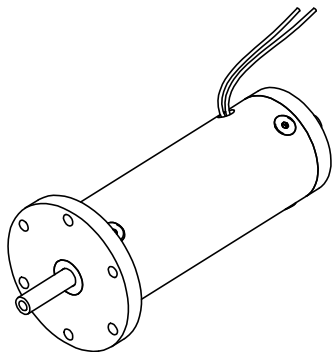
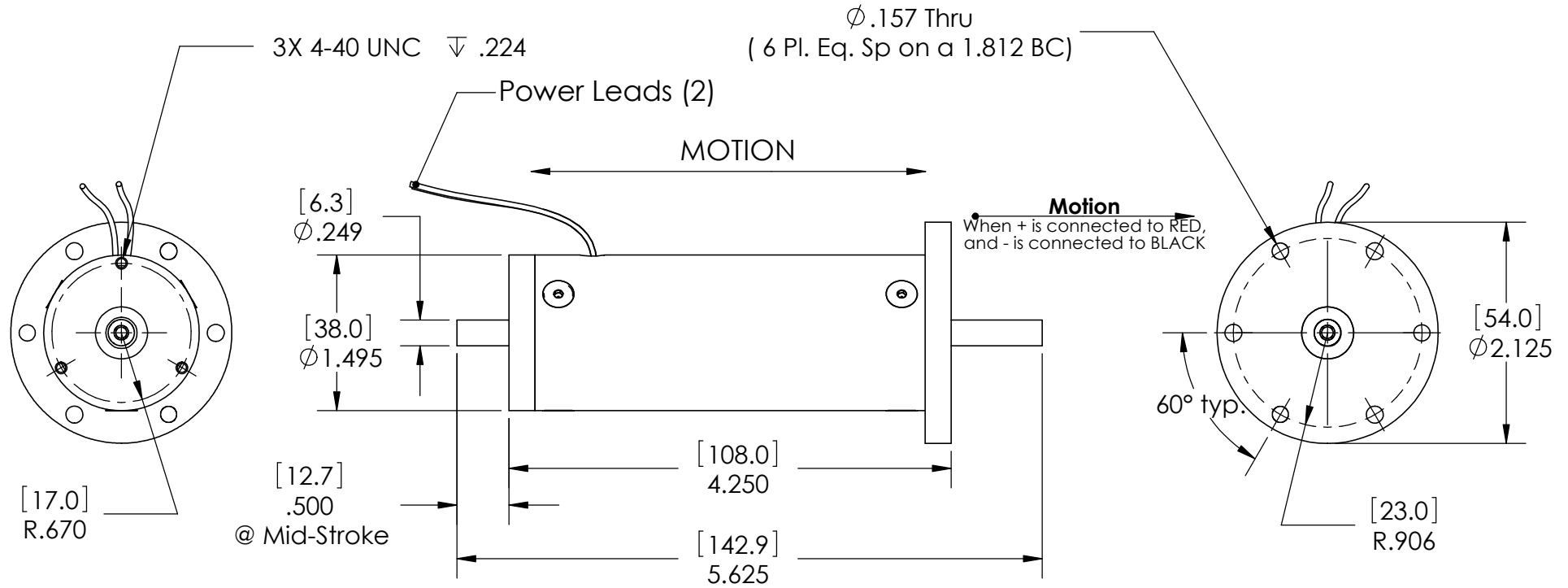


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UNLESS SPECIFIED OTHERWISE:
 All dimensions are in inches
 Standard Tolerances are as follows
 .XXX ±.005 ANGLES ±1°
 .XX ±.010 FILLETS AND
 X ±.020 CORNERS .010
 Remove All Burrs and Sharp Edges

MATERIAL			
FINISH NONE			
DRAWN OOG	DATE 5-29-02	APPROVED FGW	DATE 5-29-02

H2W Technologies, Inc. 28310-C Ave Crocker Valencia, CA 91355 USA Tel: (661)-702-9346 Fax: (661)-702-9348 www.h2wtech.com		
TITLE Moving Magnet Non-Comm Actuator Model# NCM10-15-020-2LB		
DWG # 30-0367	REV B	ECN

MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM10-15-020-2LB	
Stroke	1.00"	25.4 mm
Radial Clearance	N/A in	N/A 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	

TITLE	Moving Magnet Non-Comm Actuator Model# NCM10-15-020-2LB	
DWG #	30-0367	REV B
		SHEET 2 of 2