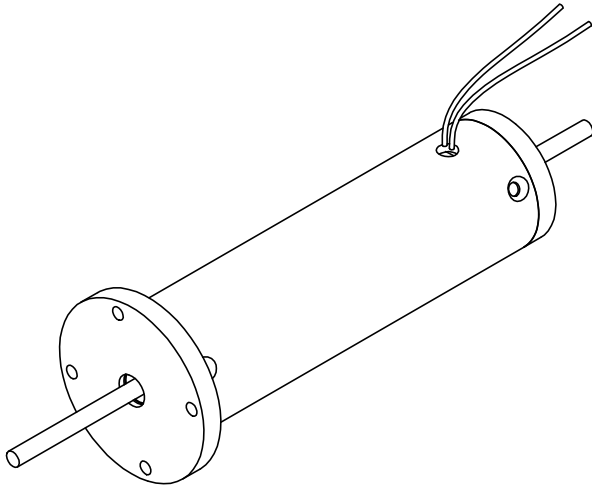
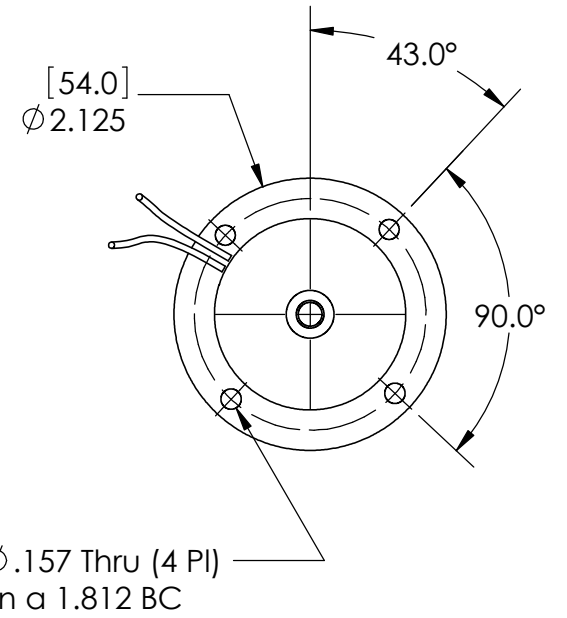
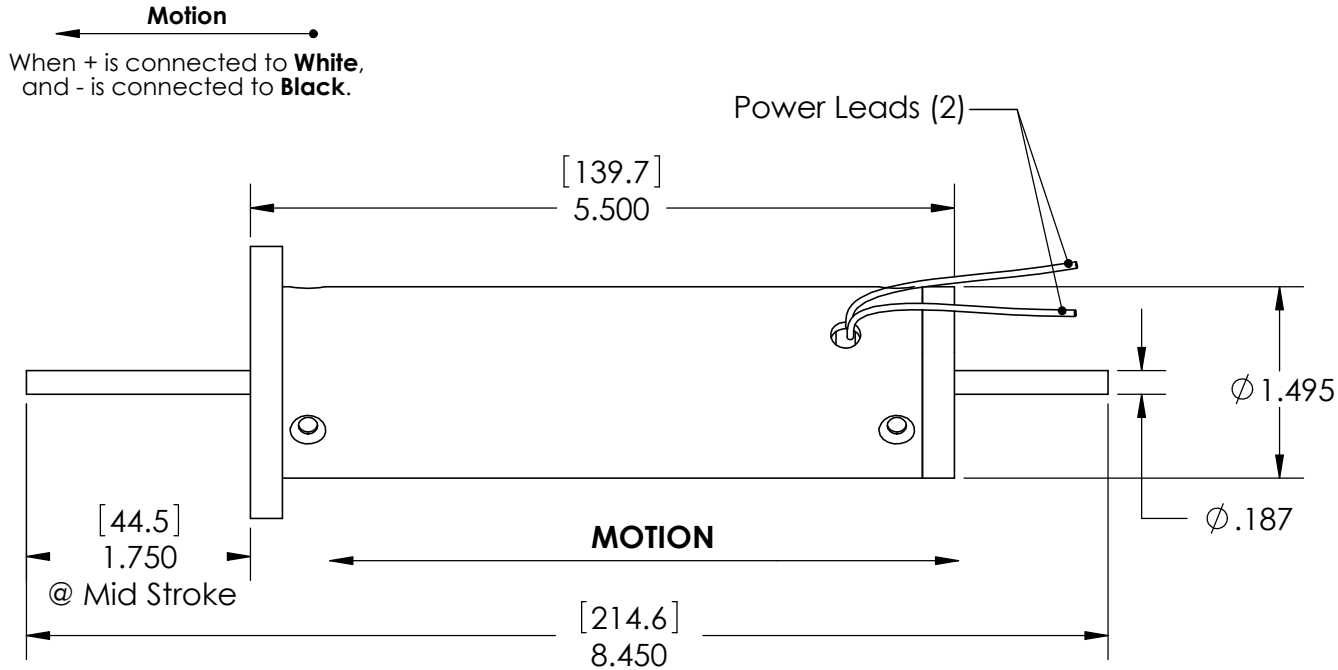


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UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX ±.005 ANGLES ±1°
.XX ±.010 FILLETS AND
X ±.020 CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN OOG	DATE 5-13-03	APPROVED MPW	DATE 5-13-03

TITLE Moving Magnet Non-Comm Actuator Model# NCM15-15-032-2LB		
DWG # 30-0215	REV B	ECN

H2W Technologies, Inc.
28310-C Ave Crocker Valencia, CA 91355 USA
Tel: (661)-702-9346 Fax: (661)-702-9348
www.h2wtech.com

MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM15-15-032-2LB	
Stroke	1.50"	38.1 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Linear Bushings	
Moving Mass	0.47 lbs	215 grams
Total Mass	1.67 lbs	760 grams
Resistance @ 20C	5.0 ohms	
Inductance @ 20C	2.4 mH	
Electrical Time Constant	0.48 msec	
Motor Constant	0.62 LBS/SQRT(Watt)	2.94 N/SQRT(Watt)
Force Constant	1.38 LBS/Amp	6.11 N/Amp
Back EMF	0.16 V/ips	6.11 V/m/sec
Continuous Force	3.2 LBS	14.2 N
Max Power @ 100% Duty	27 Watts	
Peak Force	9.6 LBS	42.7 N
Max Power @ 10% Duty	240 Watts	