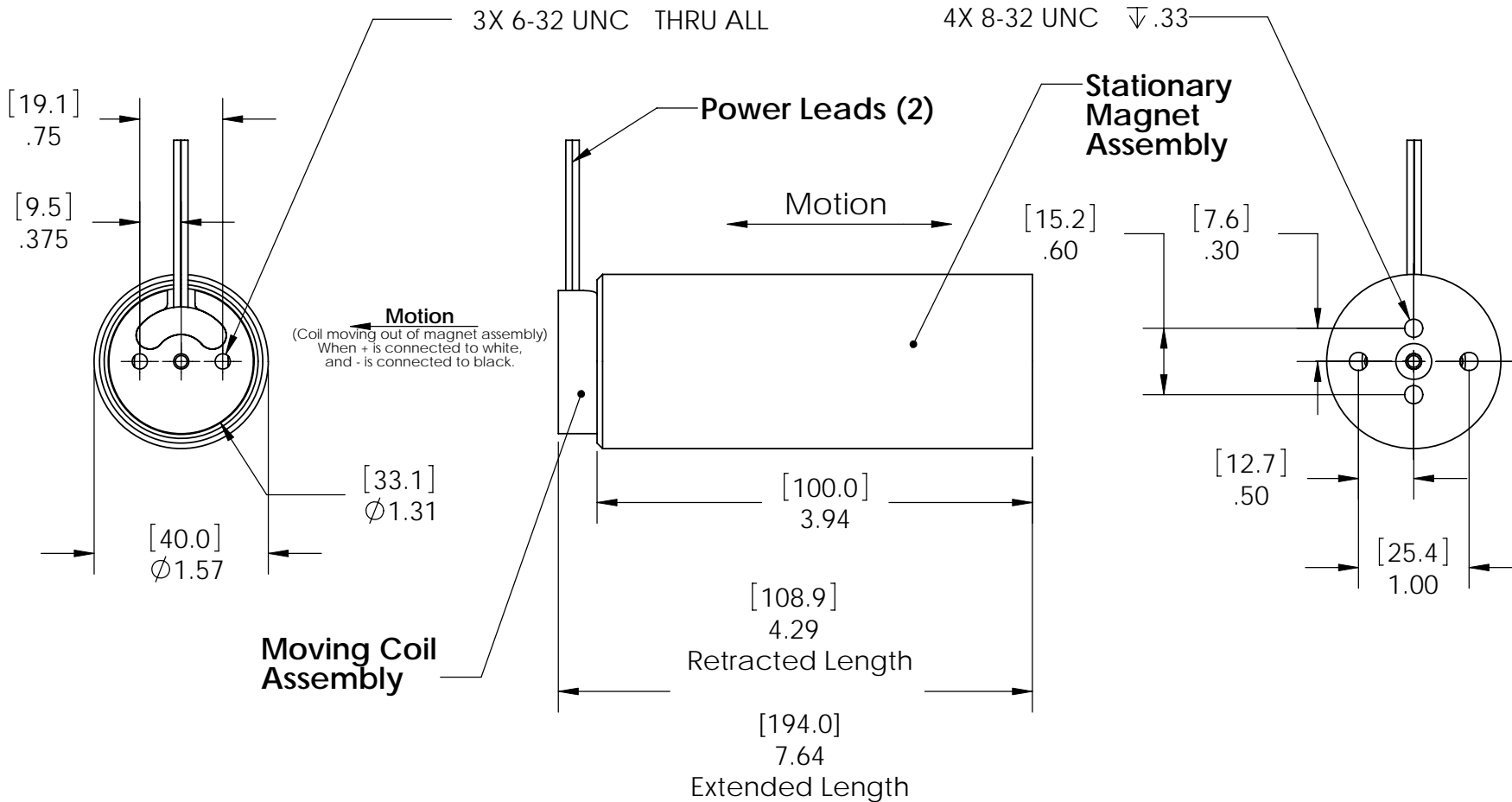
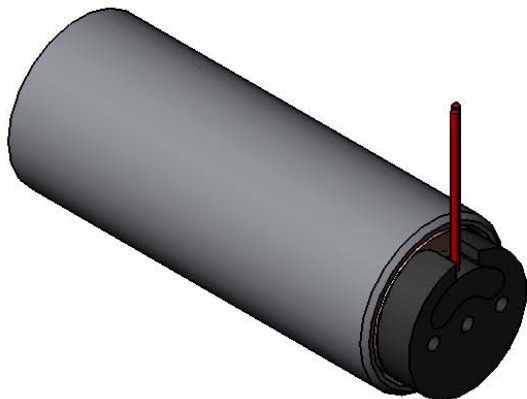


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Note: Non-Commutated DC Linear Actuator shown in retracted position.



H2W Technologies, Inc.

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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

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	02-04-08	MPW	02-04-08

TITLE			
Moving Coil Non-Comm Actuator Model# NCC34-16-020-1X			
DWG #	REV	SHEET	
30-0661	A	1 of 2	

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC34-16-020-1X	
Stroke	3.35"	85 mm
Radial Clearance	0.035" per side	0.90 mm per side
Bearing Type	None Provided	
Moving Mass	0.61 lbs	279 grams
Total Mass	1.72 lbs	780 grams
Resistance @ 20C	7.6 ohms	
Inductance @ 20C	3.8 mH	
Electrical Time Constant	0.50 msec	
Motor Constant	0.49 LBS/SQRT(Watt)	2.2 N/SQRT(Watt)
Force Constant	1.4 LBS/Amp	6.1 N/Amp
Back EMF	0.15 V/ips	6.1 V/m/sec
Continuous Force	2.0 LBS	8.9 N
Max Power @ 100% Duty	17 Watts	
Peak Force	6.0 LBS	26.7 N
Max Power @ 10% Duty	150 Watts	