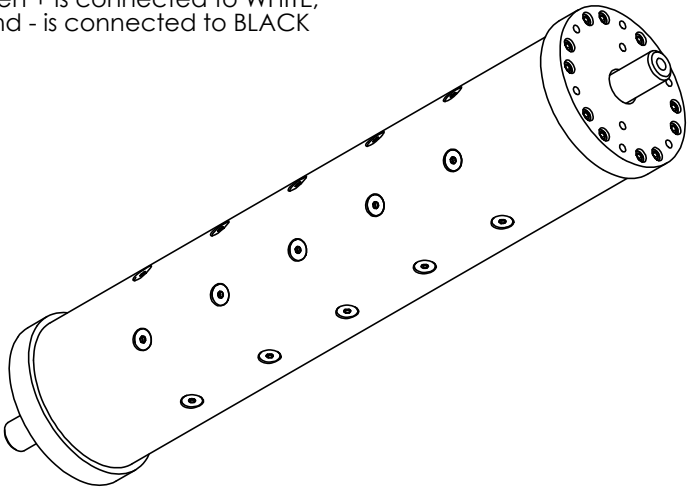
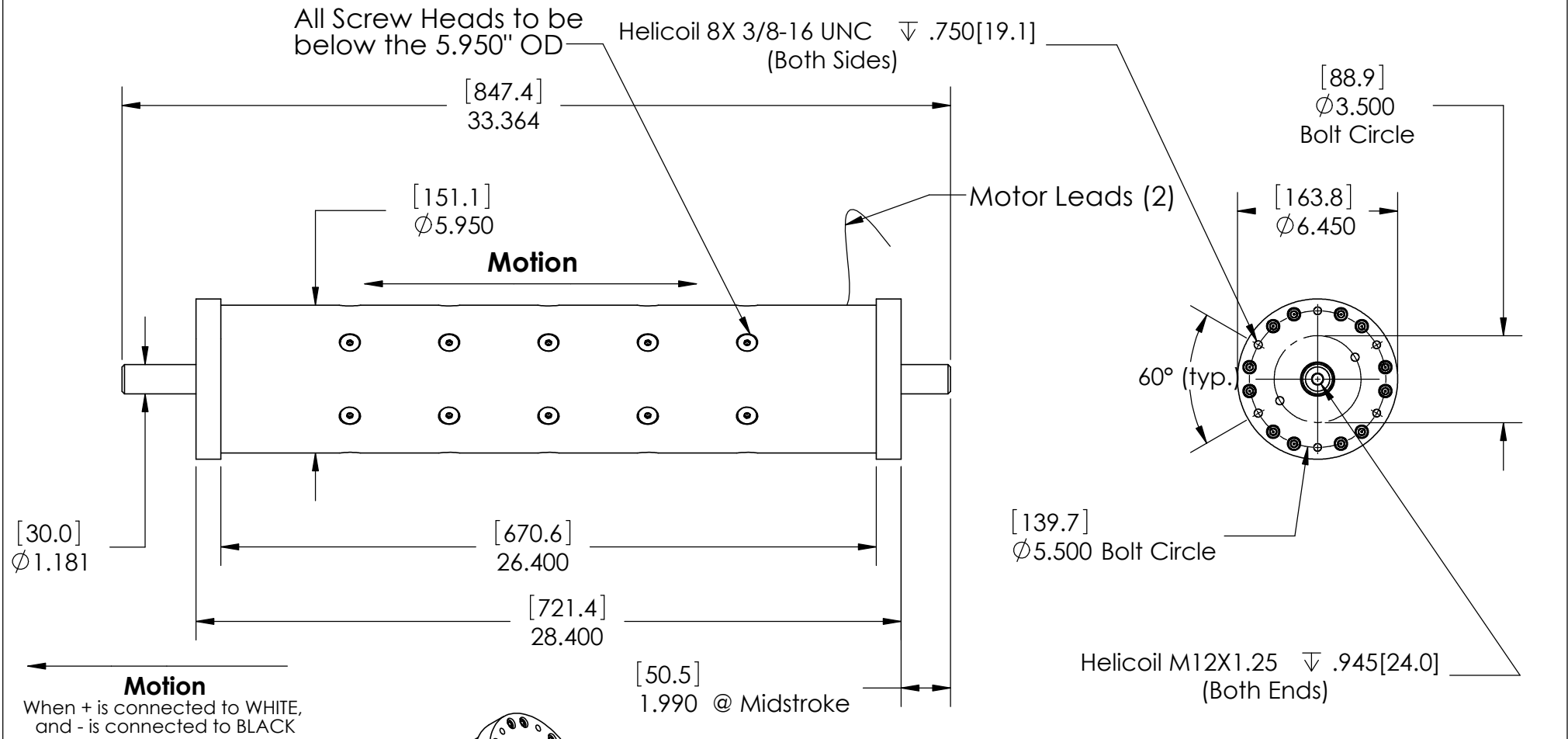


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UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX ±.005 ANGLES ±1°
.XX ±.010 FILLETS .010
X ±.020 CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN JRM	DATE 12-31-08	APPROVED MPW	DATE 12-31-08

H2W Technologies, Inc.
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TITLE Moving Magnet Non-Comm DC Linear Actuator Model# NCM24-60-4190-6LB			
DWG # 30-0825	REV D	SHEET 1 of 2	

MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM24-60-4190-6LB	
Stroke	2.40"	61.0 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Brass Bushings	
Moving Mass	64.2 lbs	29.1 Kg
Total Mass	159.0 lbs	72.2 Kg
Resistance @ 20C	5.8 ohms	
Inductance @ 20C	5.9 mH	
Electrical Time Constant	1.02 msec	
Motor Constant	21.4 LBS/SQRT(Watt)	95.1 N/SQRT(Watt)
Force Constant	51.5 LBS/Amp	229 N/Amp
Back EMF	5.81 V/ips	229 V/m/sec
Continuous Force	419 LBS	1865 N
Max Power @ 100% Duty	383 Watts	
Peak Force	1257 LBS	5594 N
Max Power @ 10% Duty	3450 Watts	