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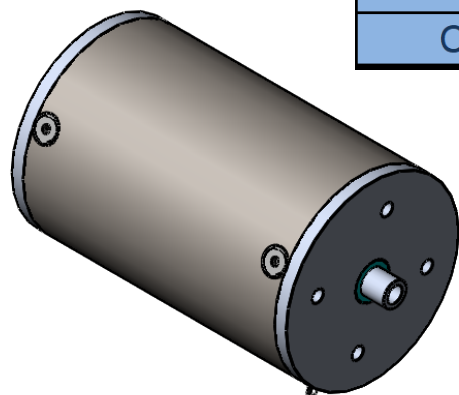
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NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCM05-19-075-2IB	
Device Type	Moving Magnet	
Stroke	0.50 in	12.7 mm
Radial Clearance	0.025 in	0.64 mm
Bearing Type	Sliding Contact	
Moving Mass	0.69 lbs	315 grams
Total Mass	1.43 lbs	650 grams
Resistance @ 20C	4.1 Ω	
Inductance @ 20C	1.3 mH	
Electrical Time Constant	0.3 msec	
Motor Constant	1.72 lbs/sqrt(watt)	7.65 N/sqrt(watt)
Force Constant	3.5 lbs/amp	15.6 N/amp
Back EMF	0.35 V/ips	15.6 V/m/s
Force @ 100% Duty	7.5 lbs	33.4 N
Power @ 100% Duty	19 watts	
Current @ 100% Duty	2.1 amps	
Force @ 10% Duty	22.5 lbs	100 N
Power @ 10% Duty	172 watts	
Current @ 10% Duty	6.4 amps	



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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 #:
NCM05-19-075-2IB

DWG #

30-1523

REV

DATE

8-27-20

SHEET

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