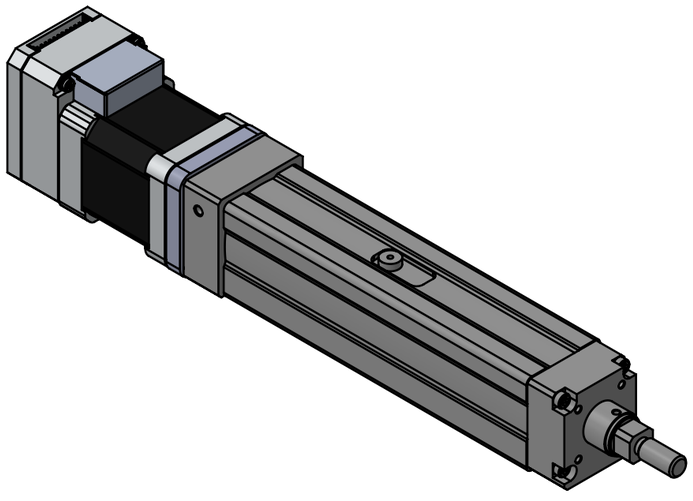
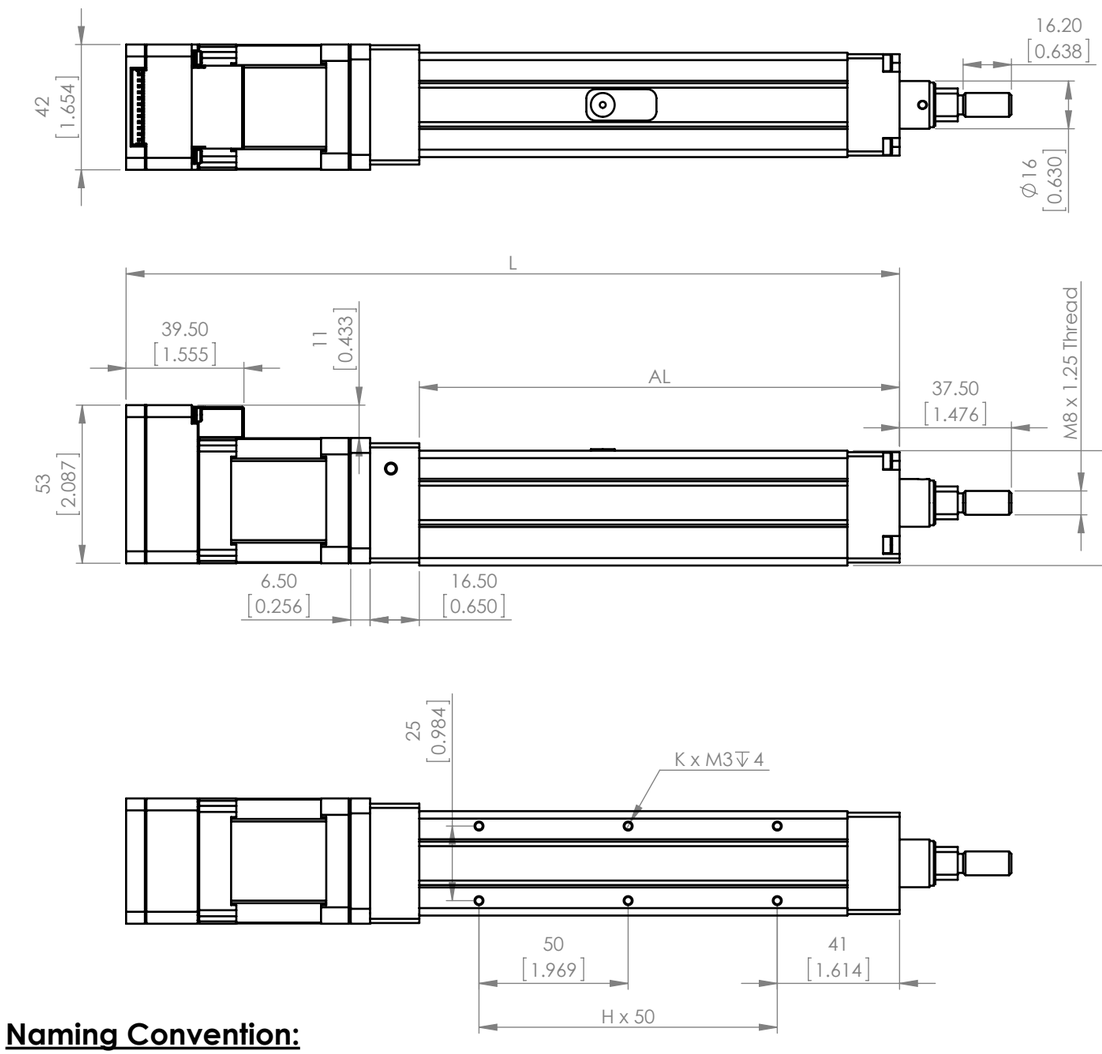
Technical Data			
	Value		Unit
Repeatability	±0.02		mm
Ball Screw Shaft Diameter	8		
Ball Screw Lead	12	6	
Rated Speed	600	300	mm/s
Rated Thrust	40	80	N
Maximum Thrust	120	240	
Maximum Acceleration	0.3		G
Horizontal Mass Capacity	4	8	kg
Vertical Mass Capacity	1.9	3.8	

Bill of Materials		
Part No.	**Description**	**Quantity**
VLA-CT-35	Actuator	1
RD35T-BKT-NEMA17	Bracket	1
17S30C / 17L30C	Motor	1
M3-5mm	Screws	2
M3-8mm	Screws	2





Naming Convention:

RD<Size>-<Lead>-<Stroke>-<Motor>-<Interface>

ex.
RD-35T-12-150-17L30-C

Model	Effective Stroke (mm)	L (mm)		AL (mm)	H	K
		w/ 17L30	w/ 17S30			
RD-35T-050	50	255.8	241	161	2	6
RD-35T-100	100	305.8	291	211	3	8
RD-35T-150	150	355.8	341	261	4	10

UNITS: mm [inch]

Unless otherwise specified, tolerance to be:CNS 4018 IT 14 Linear measures

0.5~3	± 0.1
3~6	± 0.1
6~30	± 0.2
30~120	± 0.3
120~315	± 0.5

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	NAME	DATE
DRAWN	E.Lock	Jan-27-2015
CHECKED		
ENG APPR.		

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DO NOT SCALE DRAWING | DIMENSIONS ARE METRIC

TITLE:

RD-Series Actuators

SIZE	PRT. NO.	REV
B	RD-35T-XX-XXX-XXXXX-X	1.0

SCALE: 1:2 | WEIGHT: - | SHEET 1 OF 1