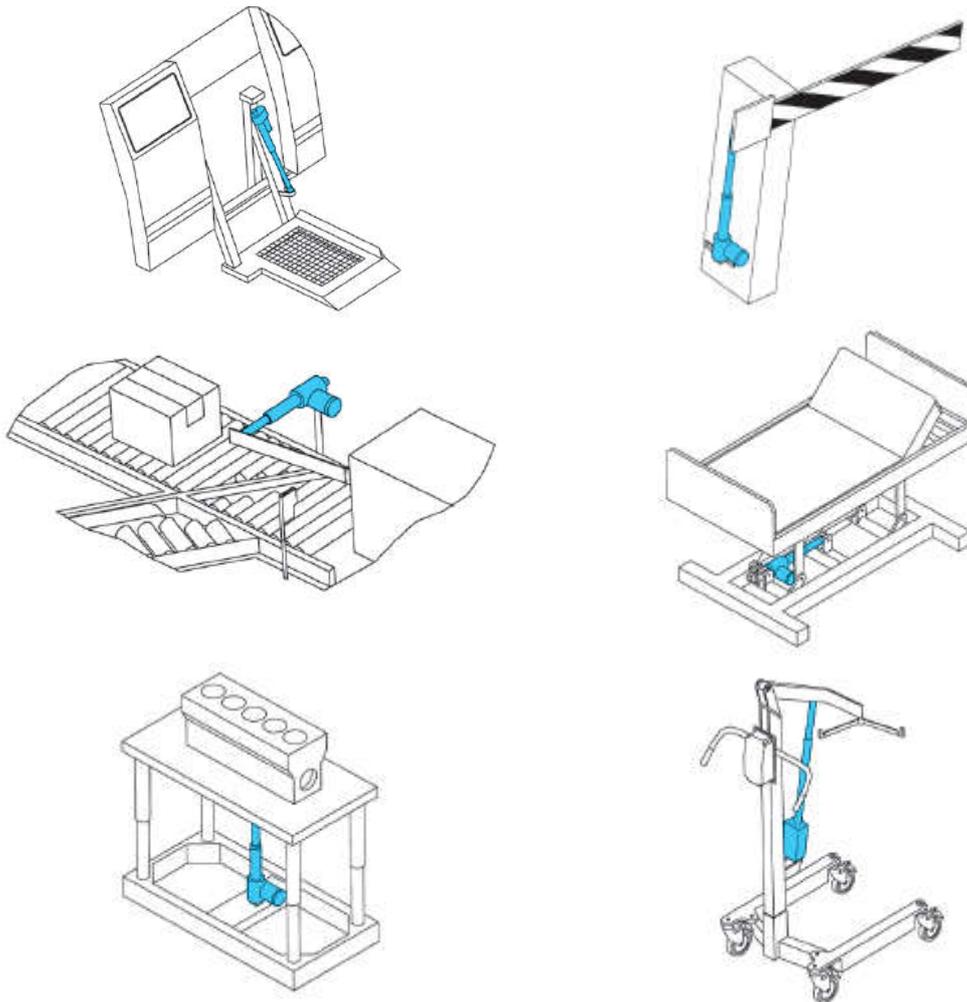




Linear Actuators

A linear actuator is a versatile device that can be thought of as an electrical pneumatic or hydraulic cylinder. These actuators are at their best in intermittent applications such as windows, gates and doors, office automation, home care, traffic facilities, automatic throttles and low duty automation project.

Linear actuators are user friendly, competitively priced and easy to install with a simple 2-wire system. Feedback options allow for more complex control systems or use of control and keypads allow for plug and play installation. Manufacturing is to ISO9000 and many types are CE rated.



Installations must not place torsion, bending or impact on the actuator. As the actuators use sealed DC motors and plain screw shafts care must be taken to observe the duty cycle or life of the actuator will be compromised.



LAM3 industrial actuator

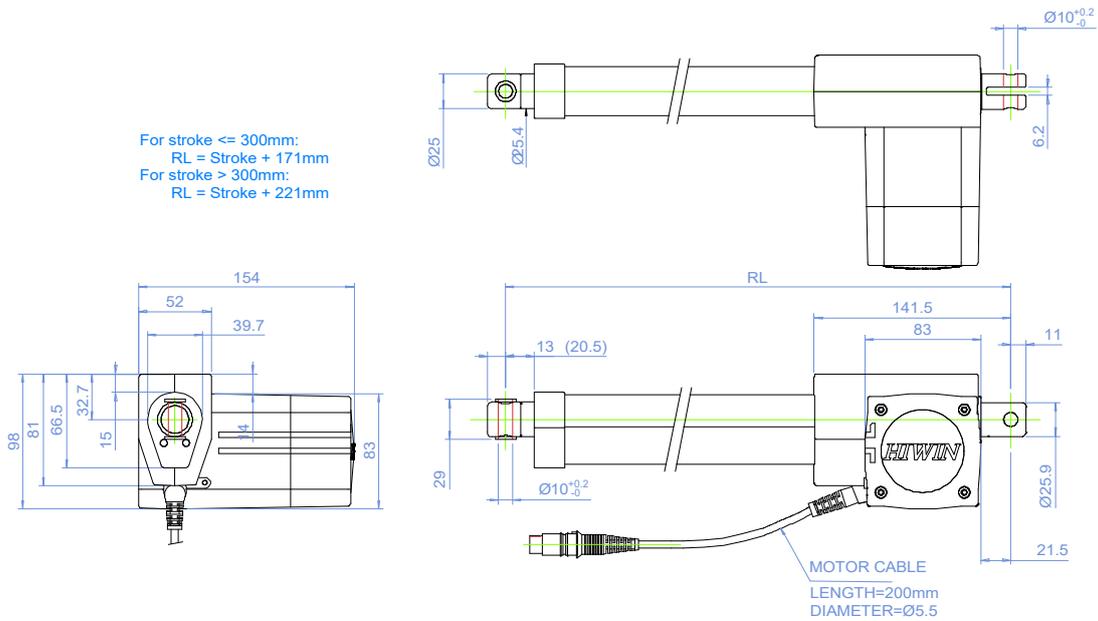


High load 24V actuator for heavy-duty applications.

Easy two wire input cable, Duty cycle based on full load. Actuator comes complete with internal limit switches.

LAK2D controller mounts directly to the actuator.

LAM3-1 types stocked in NZ in IP65, other types available on indent.



Model	Thrust (N)	Pulling (N)	Holding Force (N)	Speed (mm/s) Load/no load	Standard Stroke (mm)								Duty Cycle %	Max Current (A) 24VDC
					50	100	150	200	250	300	350	400		
LAM3-1	6000	5000	5000	4/5.5	50	100	150	200	250	300	350	400	10	6
LAM3-2	4000	4000	4000	5.5/7.5	50	100	150	200	250	300	350	400	10	5
LAM3-3	3000	3000	3000	7/9	50	100	150	200	250	300	350	400	10	4
LAM3-4	2000	2000	1500	11.5/14.5	50	100	150	200	250	300	350	400	10	4



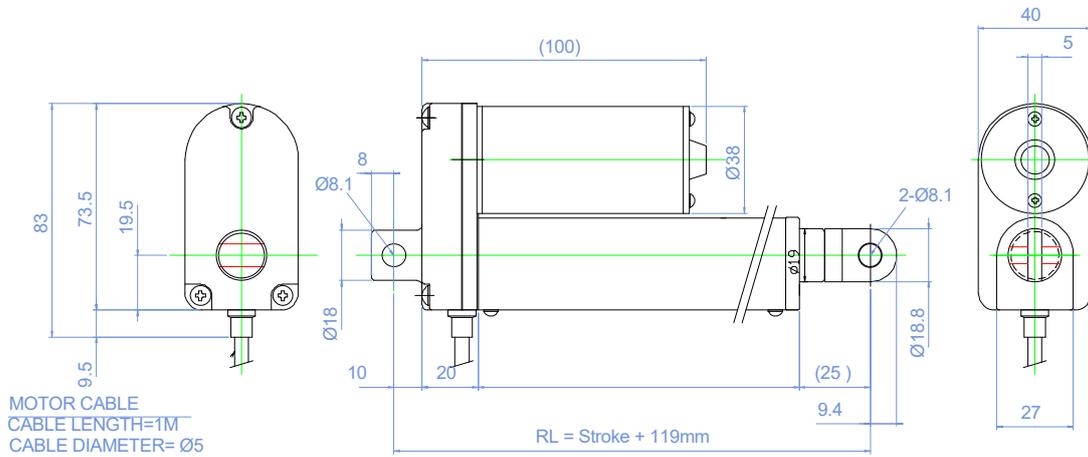
LAS1/2 compact actuator



Great actuator for a wide variety of applications including shutters, doors, remote controls, hatches, home automation and windows.

12V or 24V with 2 wire connection. Duty cycle based on full load. Actuator comes complete with internal limit switches.

LAS-1 type stocked in NZ with IP65 rating. LAS-2 available on indent.



Model	Thrust (N)	Pulling (N)	Holding Force (N)	Speed (mm/s) load/No load	Standard Stroke (mm)						Duty Cycle %	Max Current (A)	
					25	50	100	150	200	250		12V DC	24V DC
LAS-1	1200	1200	800	8/12	25	50	100	150	200	250	10	6	2.5
LAS-2	600	600	300	16/25	25	50	100	150	200	250	10	6	3

Also available is the similar LAS3 type with potentiometer or optical (pulse) feedback.



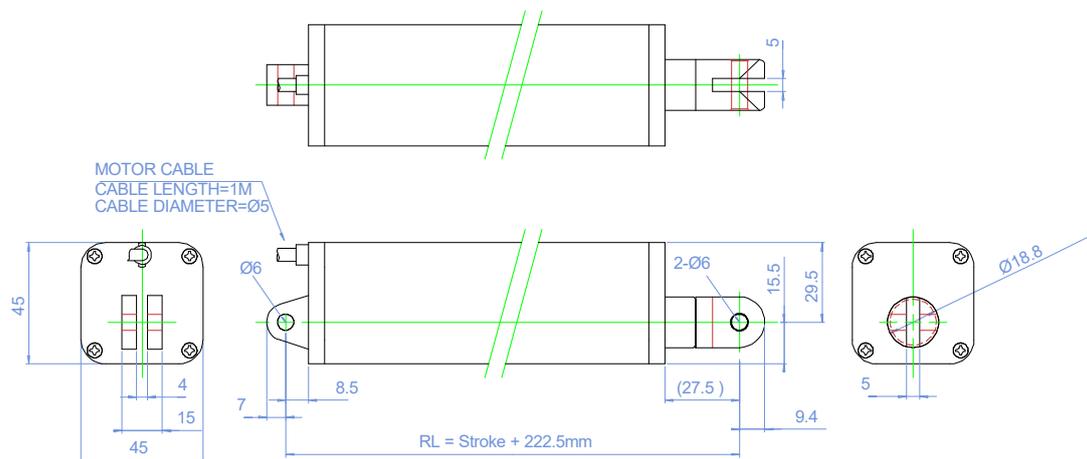
LAS4 compact actuator



Elegant design ideal for architectural and exposed applications.

12V or 24V with 2 wire connection. Duty cycle based on full load. Actuator comes complete with internal limit switch.

LAS4-1 type stocked in NZ with IP65 rating. LAS4-2 available on indent.



Model	Thrust (N)	Pulling (N)	Holding Force (N)	Speed (mm/s) load/No load	Standard Stroke (mm)					Duty Cycle %	Max Current (A)	
					100	150	200	250	300		12VDC	24VDC
LAS4-1	800	800	600	10/15	100	150	200	250	300	10	5	1.8
LAS4-2	300	300	200	30/46	100	150	200	250	300	10	6	3.6



CI72 controller

Highly capable controller with synchronise function and or overload protection.



- Control 12 or 24V actuators up to 25Amp
- Simple DIP switch setup
- Adjustable 10 step 2-25A current protection
- Single or dual actuator control
- Servo control option – analogue position
- Adjustable soft start
- Synchronous move with POT or hall actuators
- Din rail mount



ID10 Ball screw industrial actuator

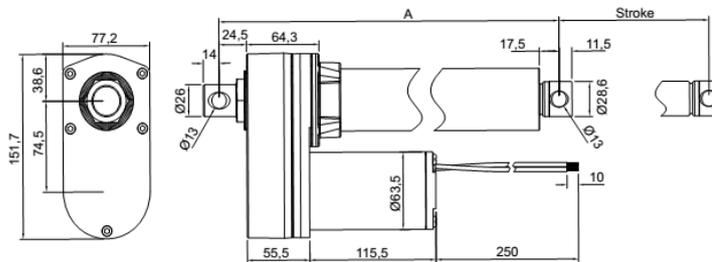


Heavy industrial actuator with built in clutch, higher duty cycle. High load ball screw model.

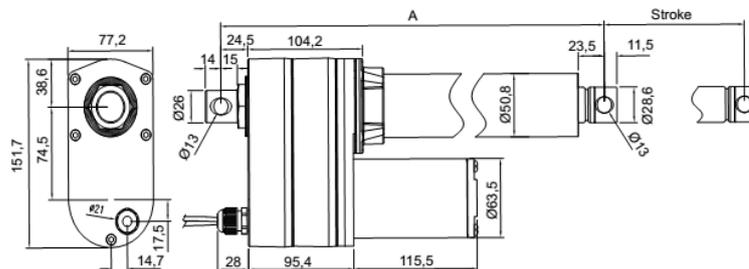
12V or 24V with 2 wire connection. Duty cycle based on full load. Limit switch model can be adjusted.

Standard

Potentiometer/Limit switches



Standard model



With Limit switches and or POT

Ratio	Thrust (N)	Pulling (N)	Static Load (N)	Speed (mm/s) Load/no load	Standard stroke (mm)							Duty Cycle %	Max Current (A)	
					102	153	203	254	305	457	610		24VDC	12VDC
5:1	2500	2500	13600	47/67	102	153	203	254	305	457	610	25	14	28
10:1	3500	3500	13600	26/33	102	153	203	254	305	457	610	25	9	18
20:1	4500	4500	13600	14/17	102	153	203	254	305	457	610	25	7	15
30:1	6000	6000	13600	10/11	102	153	203	254	305	457	610	25	7	15
40:1	7000	7000	13600	7/8	102	153	203	254	305	457	610	25	6	12
Retracted Length					302	353	404	455	506	735	888			
POT/LT retracted length					399	450	501	552	680	832	985			

Stocked items in bold – 40:1 ratio with limits and POT

Model coding

ID10 -

24 -

Voltage
12-12V DC
24-24V DC

20 -

Gear Ratio
5-5:1
10-10:1
20-20:1
30-30:1
40-40:1

B -

A: Acme
B: Ball Screw

153 -

Stroke (mm)
102
153
203
254
305
457
610

LT.POT.MD...

LT: Limit switch
POT: Potentiometer
MD: Manual Drive
IP65



Other types and options



High load LAN3 – 1000N thrust with feedback, spline and safety nut options.



Foot switches and overload protection boxes



Key pads from 1 to 5 axis and foot switch option



Controllers for 1 to 6 axes. Plug and play functionality, battery operated, synchronised and simultaneous movements possible.



Heavy industrial AC actuators with high duty cycle, loads and wide speed range.



Screw jacks in ACME or ball screw, travelling nut or travelling screw layouts