

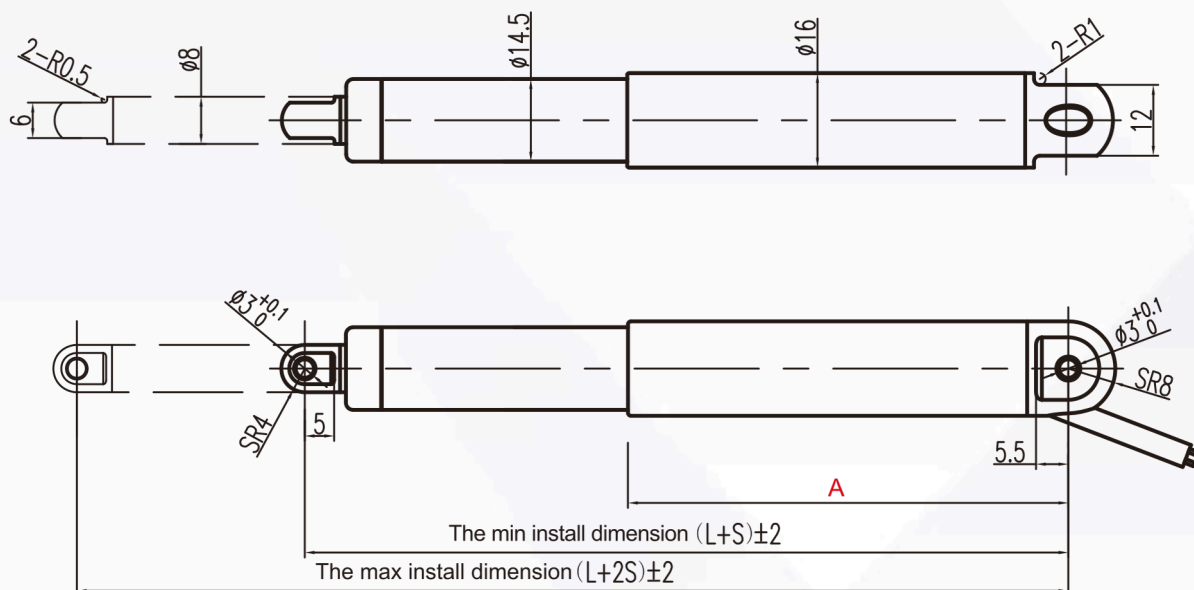
i1



FEATURES AND BENEFITS

- **i1** is a very tiny in-line linear actuator with max diameter 16mm.
- It is well suited for the applications where space is limited, such as inspection robots, navigation light.

DIMENSION



ANT-16 Standard Dimensional Drawing (mm)

Standard means without any additional function(Over current protection,hall sensor)
The dimensional tolerance not shown in the drawing can refer to ISO2768-mk

i1 Min. Install dimension	(mm)	Limit Switch
	L+S	100+S
	A	75



STANDARD SPECIFICATIONS

Voltage(V)	12	Protection Class	IP65
No-load current(A)	≤0.07	Operating temperature(℃)	5~40
Load current(A)	≤0.25	Storage temperature(℃)	5~40
Max. Power(W)	3	Noise on load (dB)	65
Material of outer tube	6063 Aluminium	Backlash (mm)	≤0.4
Material of lead screw	Trapezoid,Steel	Colour	Black
Material of piston rod	304 stainless steel	Certification	CE
Material of the nut	Engineering plastic	Wire connection	Bare wire/4 pins connector
Working duty(S2)	Work 2 minutes and rest 18 minutes	End mounting	O type
Life time(cycles)	≥10k	Wire length(m)	0.5

TECHNICAL DATA

Max Load(N)	20	50	Stroke(mm)	50	100
Self-locking Force(N)	30	75	Weight(kg)	0.1	0.2
No-load Speed(mm/s)	15	7.5	Min Stroke(mm)	20	
Load Speed(mm/s)	10	5	Max Stroke(mm)	100	

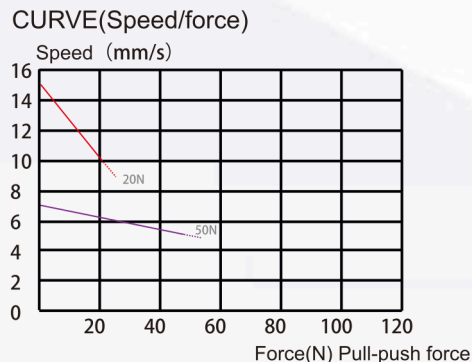
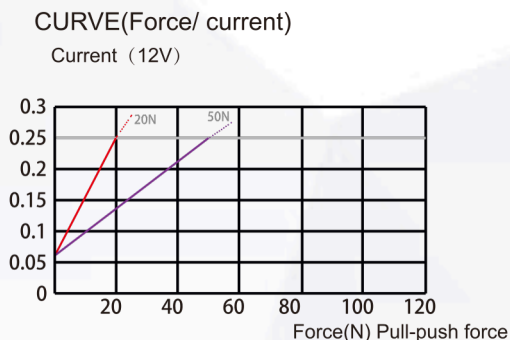
- Customized stroke lengths are available.
- The stroke's precision is ±2 mm.

ON REQUEST

■ Cable lengths ■ Other stroke lengths available ■ Customised front,rear fixture ■ Installation size ■ Available in all RAL colours

CURVE

Accuracy of speed or current : ±10%, in general, applications in the dashed are not recommended.



CONTROLLERS AVAILABLE

One actuator output controller, Two actuator output controller, Three actuator output controller.