

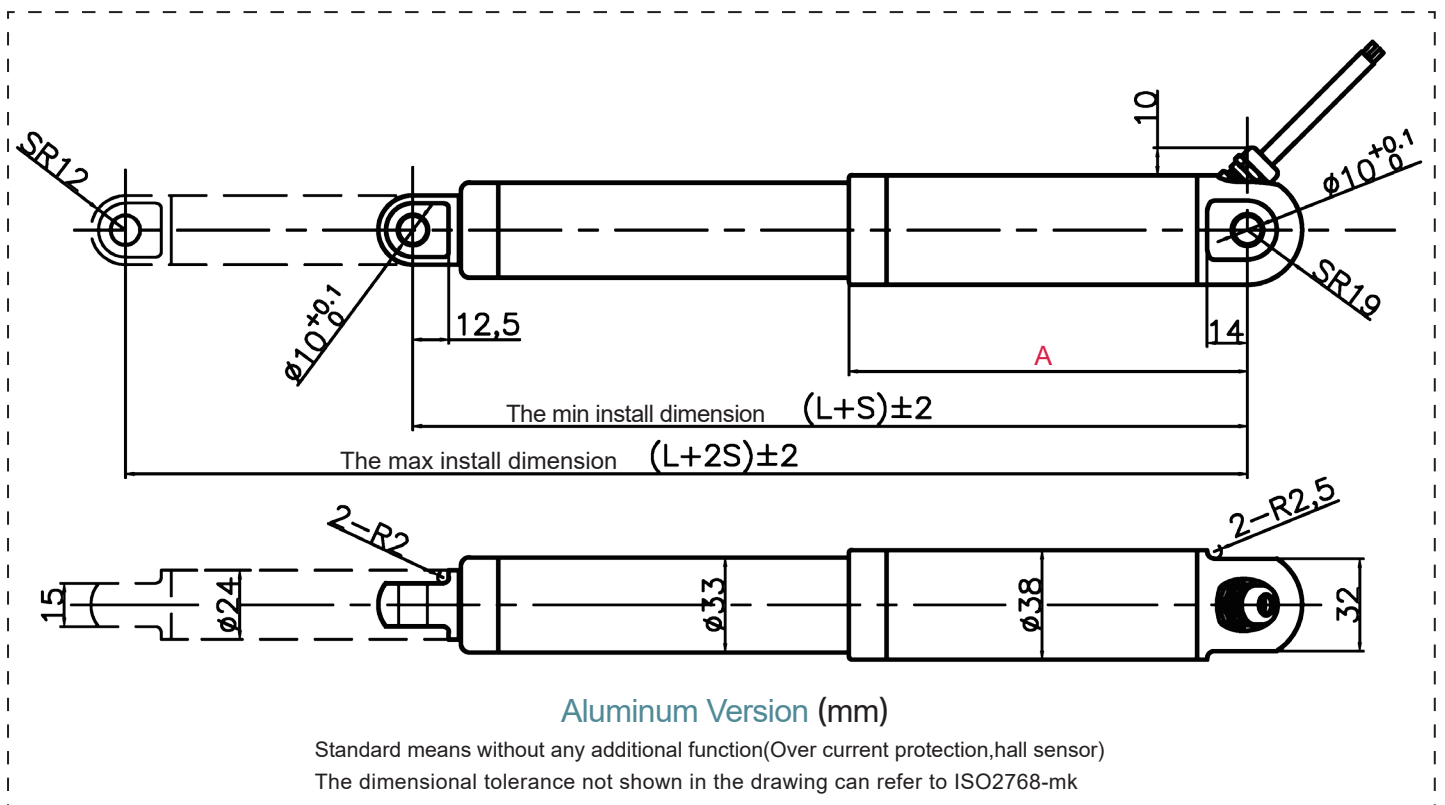
ANT-38

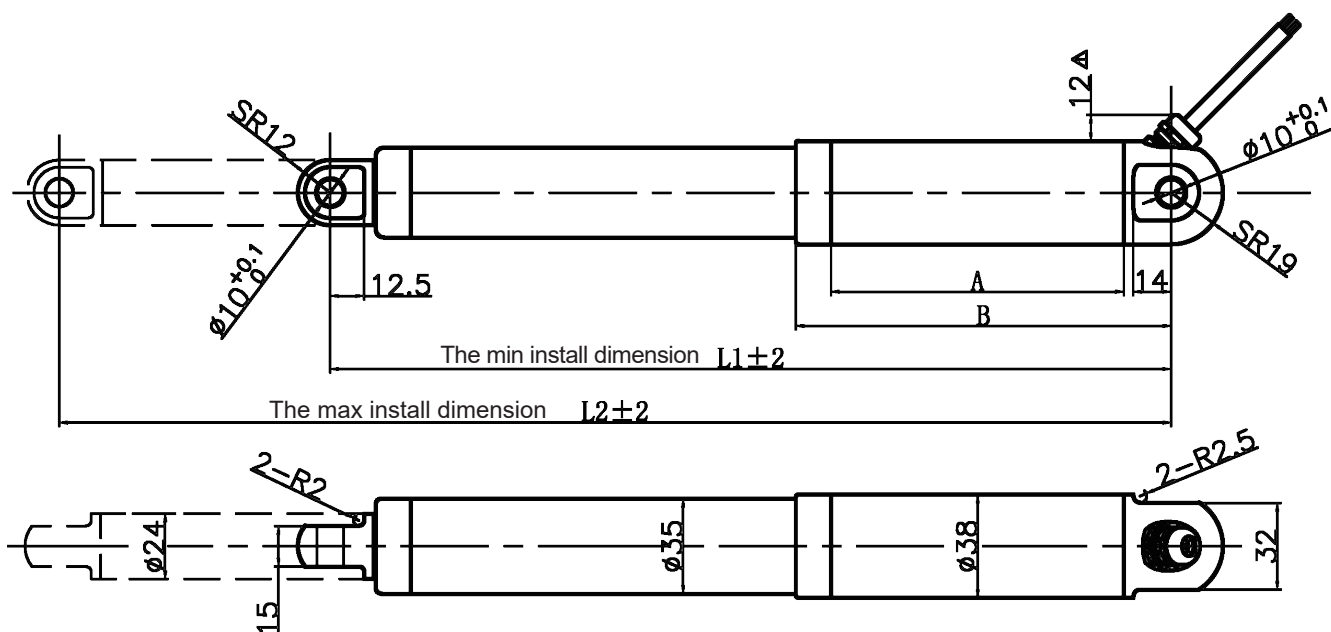
FEATURES AND BENEFITS



- ANT-38 is a upgrade version of ANT-35 but with internal limit switches for ends stop.
- Thanks to the end limits design, ANT-38 can make up the inadequacy of ANT-35 for the two ends protection also a straight moving shaft.
- ANT-38 is a slim in-line actuator with a robust design, high efficiency, hall sensor for positioning and synchronous function.
- Also stainless steel version as option for marine and harsh environments.

DIMENSION





Stainless Steel Version (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

ANT-38 Min. Install dimension	(mm)	Limit Switch		Hall sensor		Over current protection	
		Normal	Low noise	Normal	Low noise	Normal	Low noise
≤800N	L+S	200+S	210+S	220+S	220+S	220+S	-
	A	128.5	138.5	148.5	148.5	148.5	-
>800N	L+S	210+S	220+S	230+S	230+S	230+S	-
	A	138.5	148.5	158.5	158.5	158.5	-

- Noise level 55dB for the low noise version.

STANDARD SPECIFICATIONS

Voltage(V)	12	24	Protection Class	IP66/67M
No-load current(A)	≤0.7	≤0.35	Operating temperature(℃)	-20~60
Load current(A)	≤3.8	≤1.8	Storage temperature(℃)	-40~70
Max. Power(W)	60		Noise on load (dB)	60
Material of outer tube	6063 Aluminium/304 stainless steel		Backlash (mm)	0.5-1
Material of lead screw	Trapezoid,Steel		Colour	Black
Material of piston rod	304 stainless steel		Certification	CE
Material of the nut	Plastic		Wire connection	Bare wire/4 pins connector 6 pins connector
Working duty(S2)	Work 2 minutes and rest 18 minutes		End mounting	O type
Life time(cycles)	≥10k		Wire length(m)	1.5

TECHNICAL DATA

Max Load(N)	100	300	400	600	800	1200	1800	2300
Self-locking Force(N)	150	600	600	1600	1600	1800	3600	3450
No-load Speed(mm/s)-Normal	35	25	18	12	12	6.8	4.5	3.5
Load Speed(mm/s)-Normal	30	17	14	9	7	5	3	2.5
No-load Speed(mm/s)-Low noise	25	25	16.5	13	8.5	5	3.3	3.3
Load Speed(mm/s)-Low noise	23	20	14	10.5	7	4.5	3	2.5

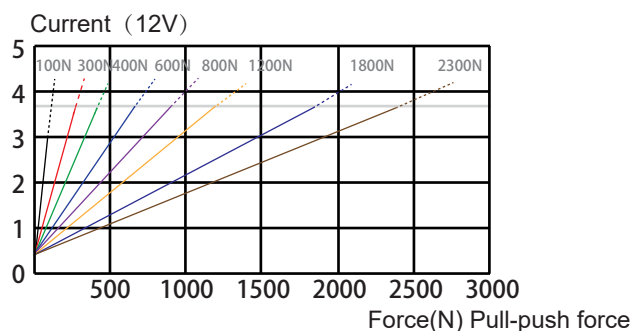
Stroke(mm)	50	100	150	200	250	300	350	400
Weight(kg)	0.85	0.95	1.05	1.15	1.25	1.35	1.45	1.65

- Customized stroke lengths are available.
- The min stroke:20mm ,the max stroke:500mm.
- The stroke’s precision is ±2 mm.
- Low noise version with 20mm/s speed at 100N load and no load speed 22mm/s.

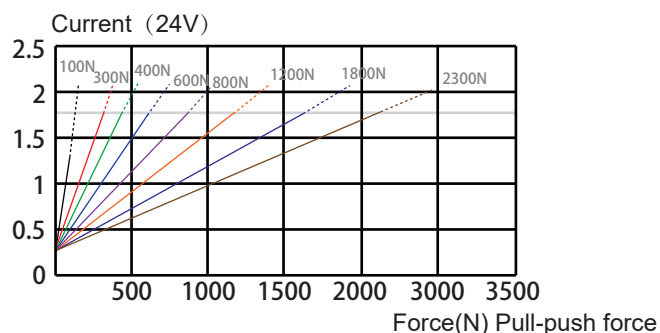
CURVE

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

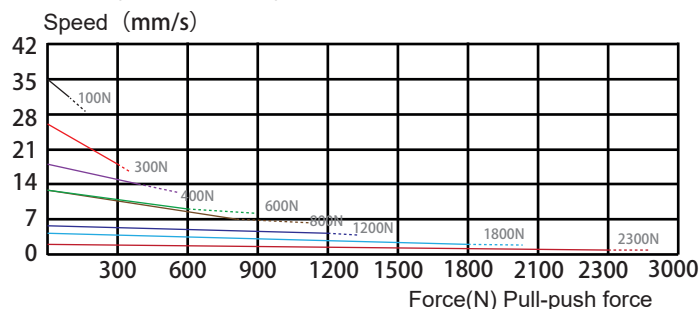
CURVE(Force/ current)



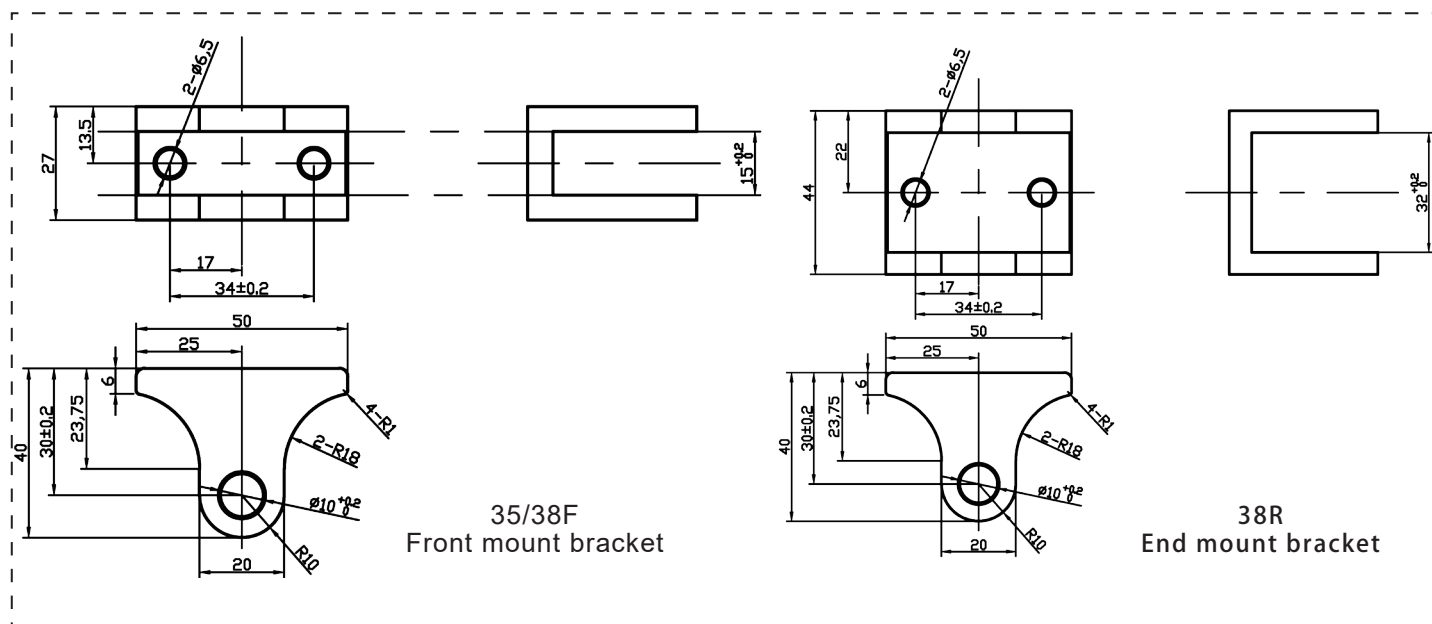
CURVE(Force/ current)



CURVE(Speed/force)



MOUNTING BRACKET



CONTROLLERS AVAILABLE

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