

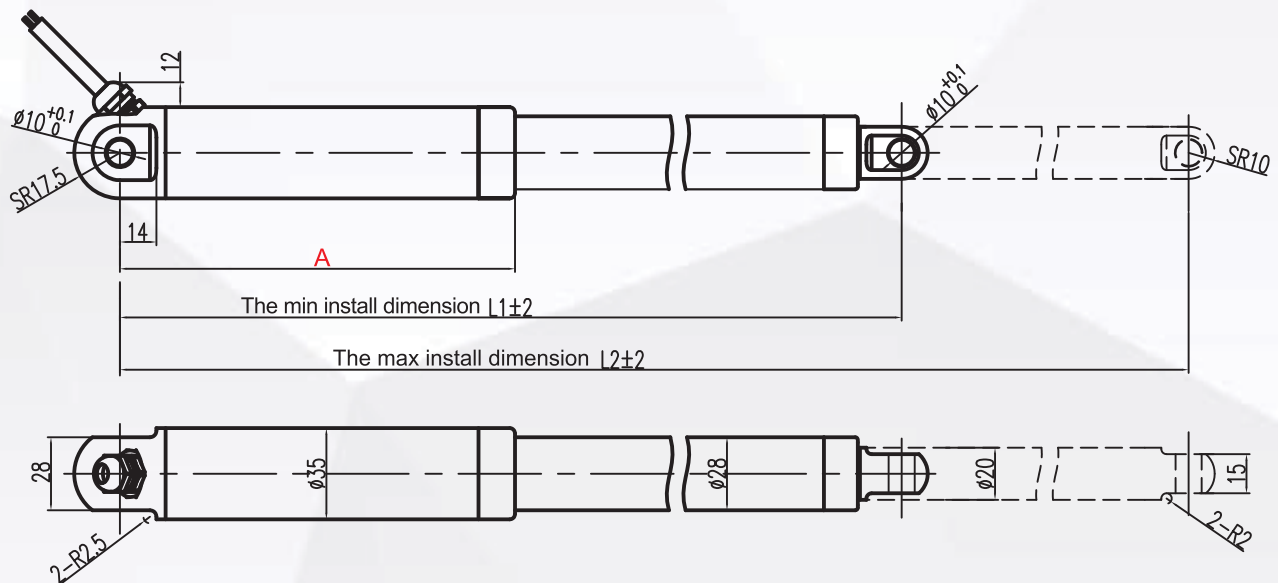
ANT-35

FEATURES AND BENEFITS



- ANT-35 is a compact in-line linear actuator.
- The combination of max load capacity 2300N with its diameter 35mm only, makes ANT-35 to be the bestseller and a perfect match for various applications.
- ANT-35 also can be in all stainless steel materials, IP67M protection, which makes it a good choice for harsh environment.
- It is approved to be perfect for applications like motorized pergola, yacht automation, special vehicles, rehabilitation equipment.

DIMENSION



ANT-35 Standard Dimensional Drawing (mm)

Standard means without any additional function(Over current protection,hall sensor,limit switch)



ANT-35 Min. Install dimension Stroke ≤ 400mm	(mm)	Standard		Hall sensor		Over current protection	
		Normal/ Waterproof	Low noise	Normal/ Waterproof	Low noise	Normal/ Waterproof	Low noise
≤ 800N	L+S	178+S	188+S	200+S	200+S	200+S	208+S
	A	121.5	131.5	143.5	143.5	143.5	151.5
> 800N	L+S	188+S	-	208+S	-	208+S	-
	A	131.5	-	151.5	-	151.5	-

ANT-35 Min. Install dimension Stroke > 400mm	(mm)	Standard		Hall sensor		Over current protection	
		Normal/ Waterproof	Low noise	Normal/ Waterproof	Low noise	Normal/ Waterproof	Low noise
≤ 800N	L+S	220+S	228+S	220+S	228+S	220+S	228+S
	A	143.5	151.5	143.5	151.5	143.5	151.5
> 800N	L+S	228+S	-	228+S	-	228+S	-
	A	151.5	-	151.5	-	151.5	-

- Noise level 56dB for the low noise version

- For IP67M/IP69K actuators, the min. install length will be 13mm longer.

STANDARD SPECIFICATIONS

Voltage(V)	12	24	Protection Class	IP66/67M
No-load current(A)	≤ 0.7	≤ 0.35	Operating temperature(°C)	-20~60
Load current(A)	≤ 3.8	≤ 1.8	Storage temperature(°C)	-40~70
Max. Power(W)	50		Noise on load (dB)	60
Material of outer tube	6063 Aluminium/316 stainless steel		Backlash (mm)	0.5-1
Material of lead screw	Trapezoid, Steel		Colour	Black/Silver
Material of piston rod	316 stainless steel		Certification	CE, RoHS
Material of the nut	Copper/Engineering 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	8	5	3	2.5
No-load Speed(mm/s)-Low noise	25	25	16.5	13	8.5	-	-	-
Load Speed(mm/s)-Low noise	23	20	14	10.5	7	-	-	-

Stroke(mm)	50	100	150	200	250	300	350	400
AL Weight(kg)	0.6	0.7	0.8	0.9	1	1.1	1.2	1.4
S/S Weight(kg)	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8

- Customized stroke lengths are available.
- The min stroke:20mm ,the max stroke:500mm.
- The stroke's precision is ± 2 mm.
- Load capacity >800N: No low noise version available.

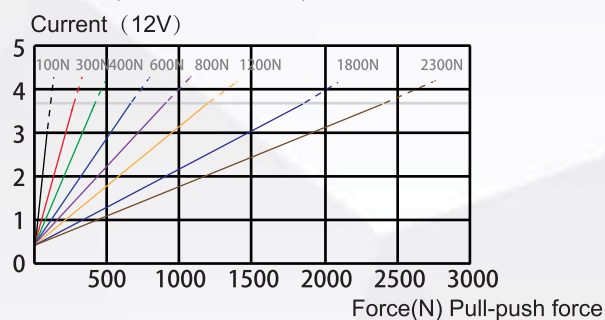
ON REQUEST

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

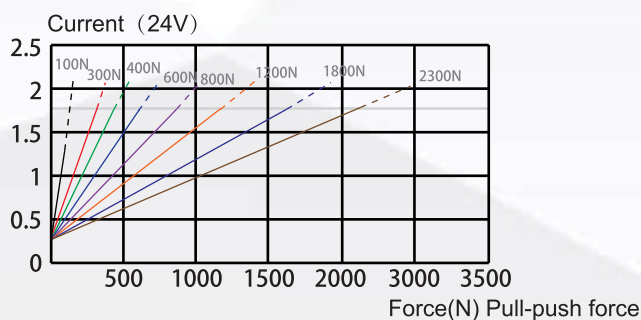
CURVE

Accuracy of speed or current : $\pm 15\%$, in general, applications in the dashed are not recommended.

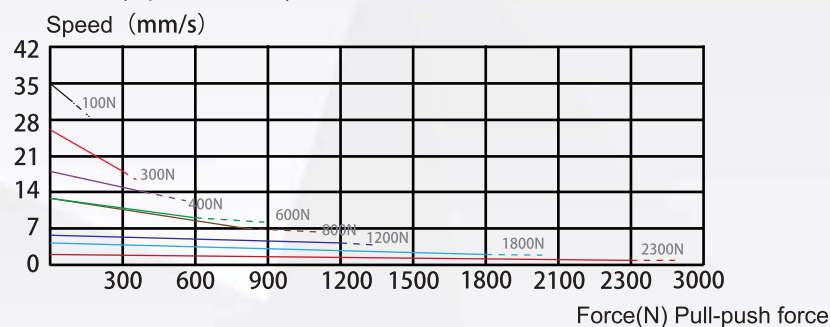
CURVE(Force/ current)



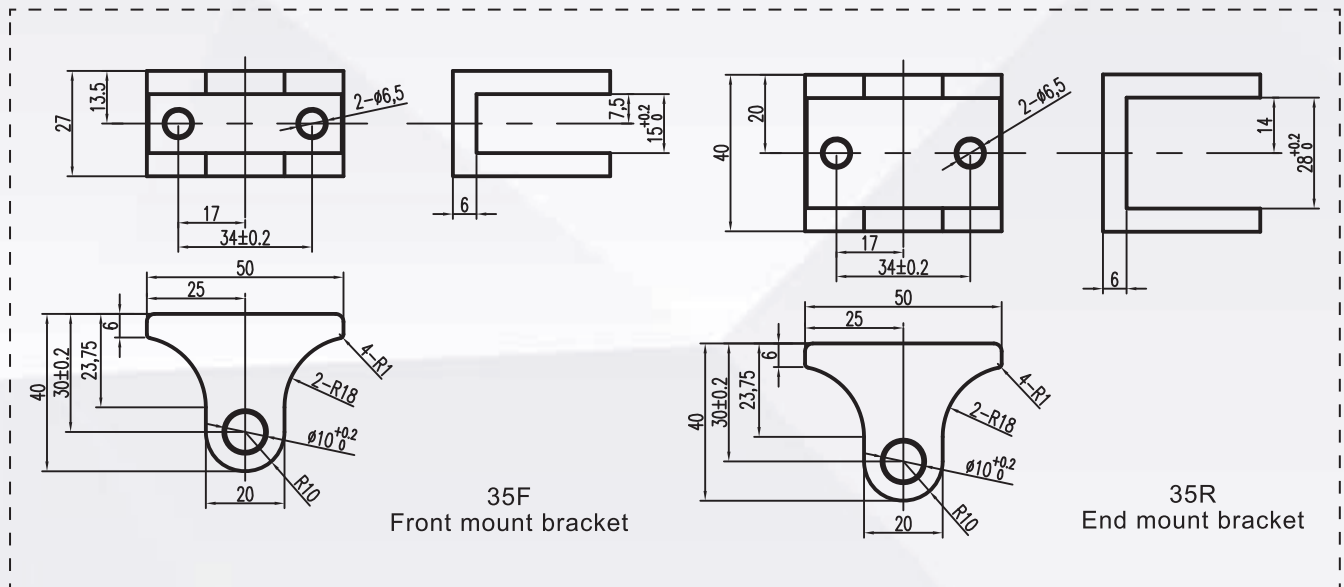
CURVE(Force/ current)



CURVE(Speed/force)



MOUNTING BRACKET



CONTROLLERS AVAILABLE

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