

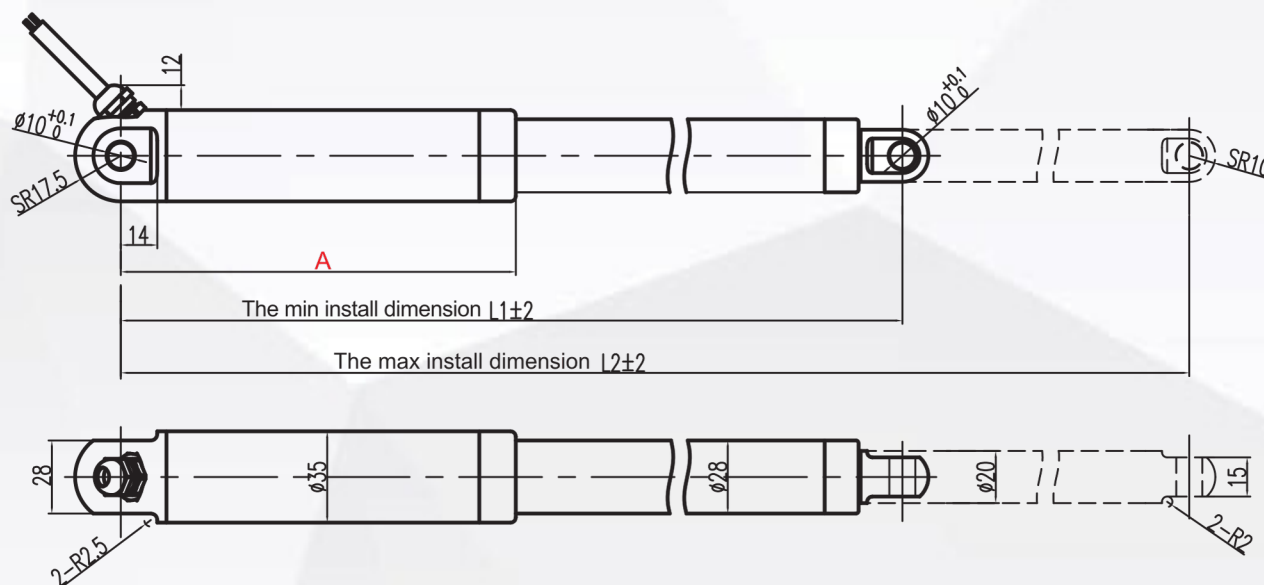
i4

FEATURES AND BENEFITS



- **i4** is a compact in-line linear actuator.
- The combination of max load capacity 2300N with its diameter 35mm only, makes **i4** to be the bestseller and a perfect match for various applications.
- **i4** 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



i4 Standard Dimensional Drawing (mm)

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



i4 Min. Install dimension	(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	-

i4 Min. Install dimension	(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

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
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.

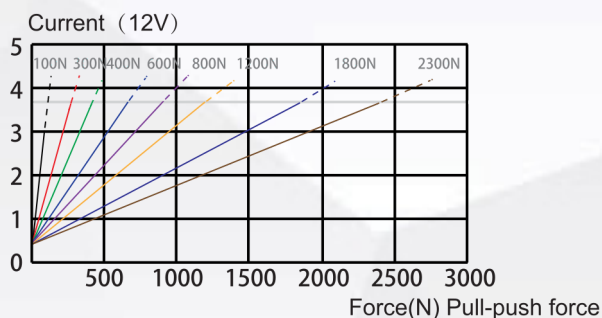
ON REQUEST

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

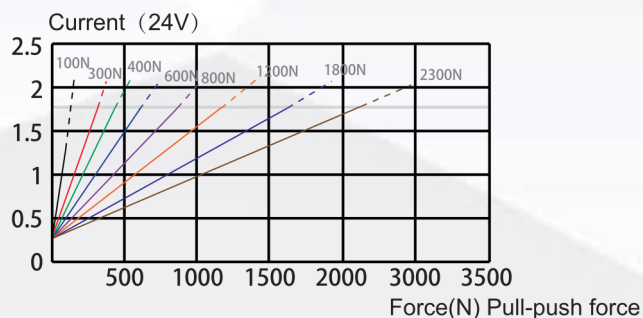
CURVE

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

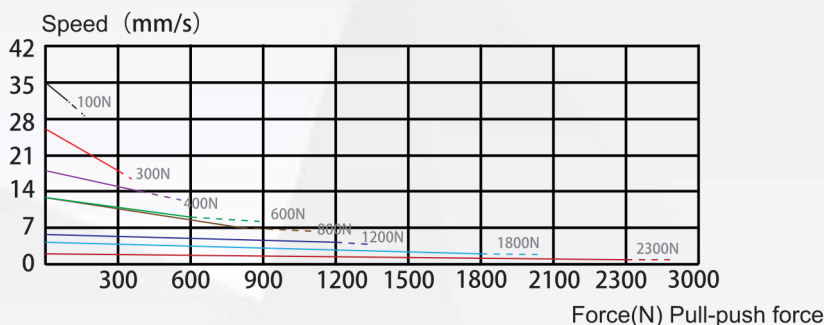
CURVE(Force/ current)



CURVE(Force/ current)

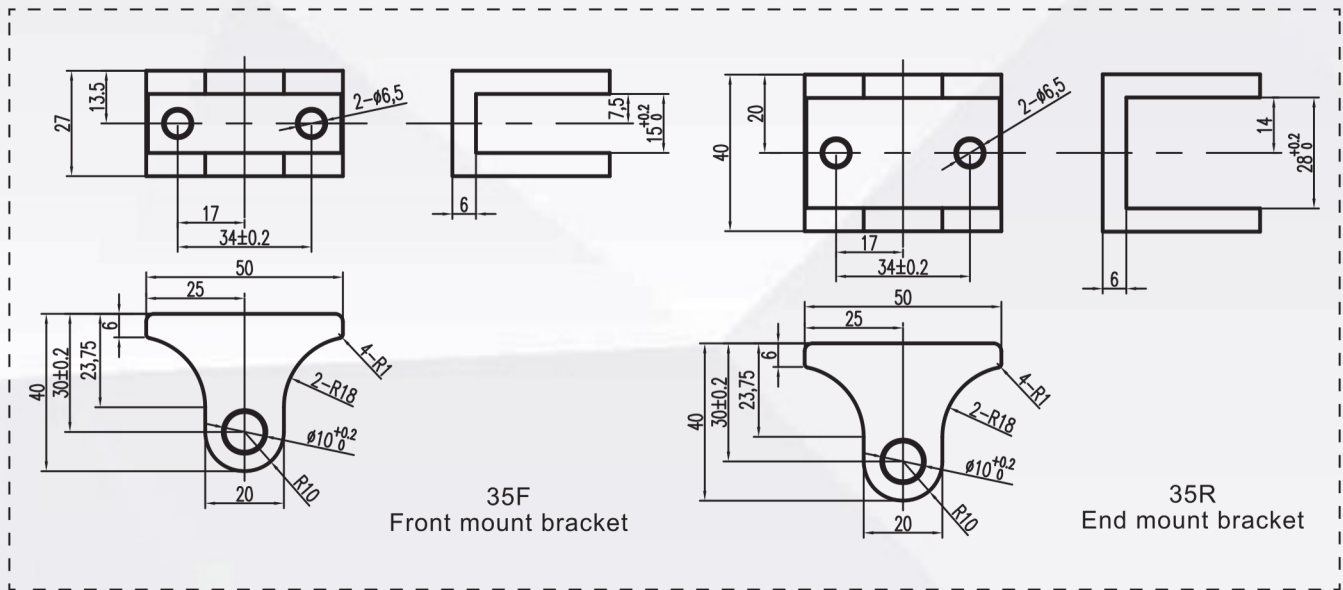


CURVE(Speed/force)





MOUNTING BRACKET



CONTROLLERS AVAILABLE

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