

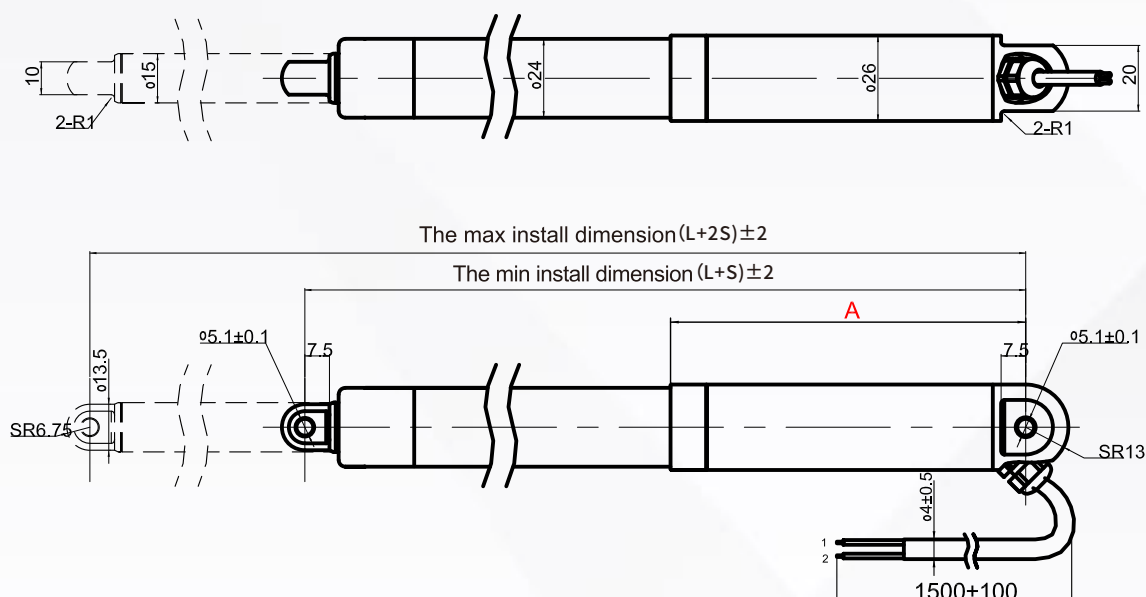
ANT-26N

FEATURES AND BENEFITS



- ANT-26N is a upgrade version of ANT-26. It can be with internal limit switches and over current protection or internal limit switches and hall sensor, which cannot have with the original ANT-26.
- Thanks to its max diameter 26mm and max push/pull force 500N, ANT-26N can be a good solution for the applications that have very limited space but need high force.
- The IP66/IP67 protection to guarantee ANT-26N can be used for outdoor projects.
- It is ideal for applications like motorized louvre window, bioclimatic pergola, power wheelchair, inspection robots...

DIMENSION



ANT-26N 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

ANT-26N Aluminum Min. install dimension	(mm)	Limit Switch	Limit Switch+ Hall Sensor	Limit Switch+Over Current Protection	Limit Switch+ Signal Line Output
	L+S ("s" for Stroke)	170+S	190+S	190+S	175+S
	A	108.5	128.5	128.5	113.5

- For IP67/IP69K actuators, the min. install length will be 15mm longer.

ANT-26N Stainless Steel Min. install dimension	(mm)	Limit Switch	Limit Switch+ Hall Sensor	Limit Switch+Over Current Protection	Limit Switch+ Signal Line Output
	L+S ("s" for Stroke)	185+S	205+S	205+S	190+S
	A	108. 5	128. 5	128. 5	113. 5

SPECIFICATIONS AND OPTIONS

Voltage	12	24	Duty cycle	10%, 2 minutes continuous use followed by 18 minutes in rest
No load current	≤0.4A	≤0.25A	Life time	≥10000 cycles
Load current	≤1.3A	≤0.7A	Working temperature	-20℃~60℃
Max power	14.5W		Storage temperature	-20℃~60℃
Stroke	20-200mm(stroke can be customized)		Material of lead screw	# 45 steel
Limit switches	Built-in		Material of push rod	SUS316
Noise level on load	≤62dB		Material of push nut	Engineering plastic
Protection class	IP66/IP67		Standard color	Black
Backlash	0.3mm		Standard cable length	1.5m (cable length can be customized)
Options：Over current protection , Hall sensor feedback (installation length 190+S)			Certification	CE ,RoHS

Stroke(mm)	50	100	150	200
Weight(kg)	0.3	0.35	0.4	0.45

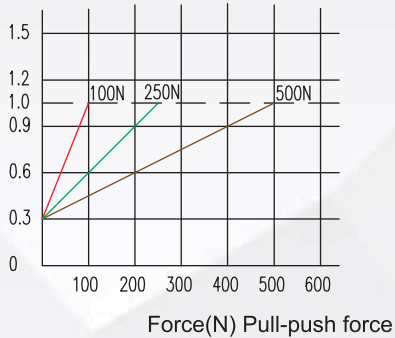
FORCES AND SPEEDS

Push force	Pull force	Self-locking force	Speed on load	No load speed
100	100	150	≥9.5	16
250	250	375	≥6	11
500	500	500	≥3.2	6

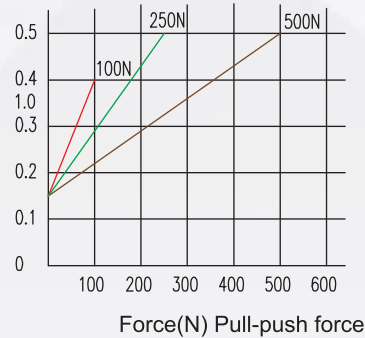
CURVE

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

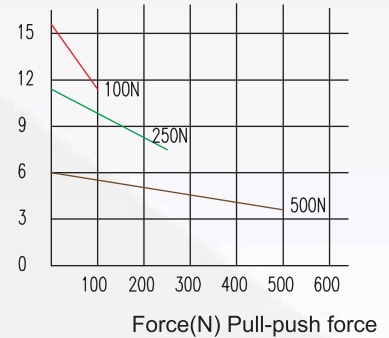
CURVE(Force/ current)
Current(A)-12VDC



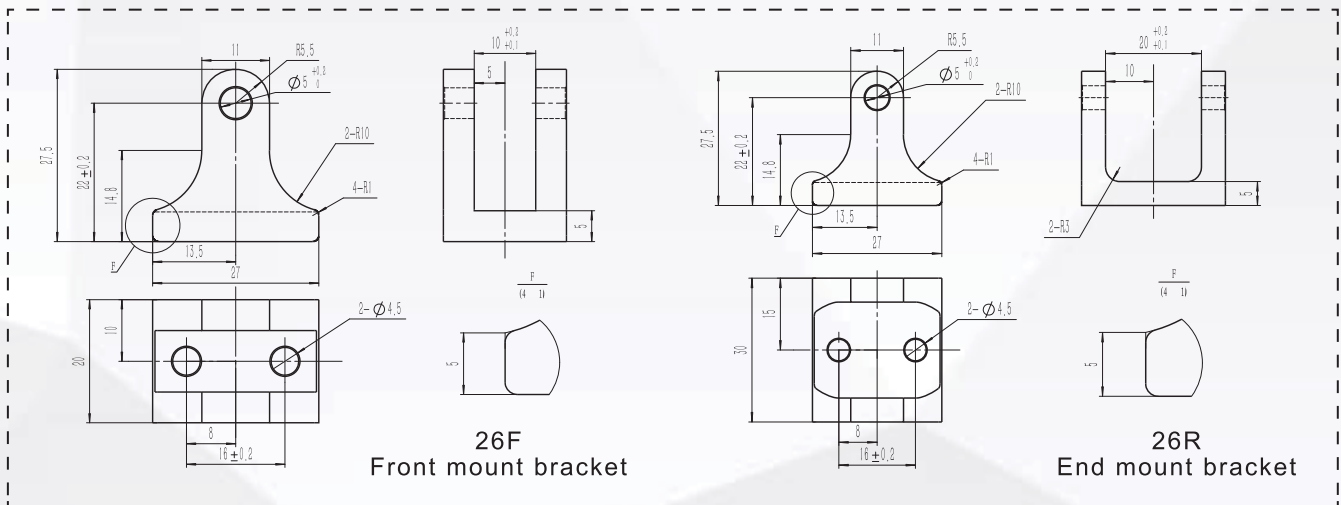
CURVE(Force/ current)
Current(A)-24VDC



CURVE(Speed/force)
Speed (mm/s)



MOUNTING BRACKET



CONTROLLERS AVAILABLE

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