

ANT-16



ANT16

The Antuator range is TecHome's slimmest and attractive set of actuators. The ANT16 is a 16mm in diameter actuator, perfect for hatches and windows that require up to 10kg pushing power.

General Features

Voltage of motor	12V DC, 24V DC
Diameter	16mm
Maximum load	10kg in push
Maximum load	10kg in pull
Maximum speed	15.0mm/s
Max Stroke Length	100mm

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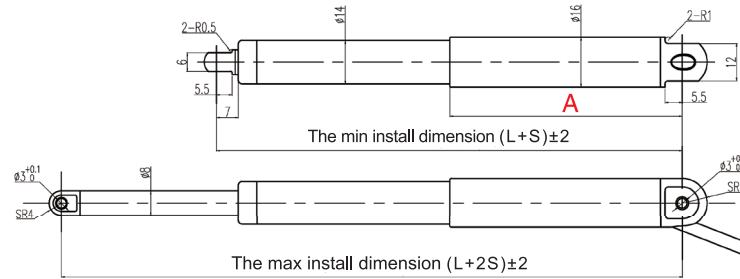


MOTION AND AUTOMATION

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DATA SHEET 1



ANT-16 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

Voltage(V)	12 24	No-load current(A)	≤0.06 ≤0.03	Load current(A)	≤0.3 ≤0.15
Max. Power(W)	5	Material of outer tube	6063 Aluminium	Material of lead screw	Trapezoid,Steel
Material of piston rod	304 stainless steel	Material of the nut	Plastic	Working duty(S2)	Work 2 minutes and rest 18 minutes
Life time(cycles)	10k	Protection Class	IP66	Noise on load (dB)	55
Operating temperature(℃)	-20~60	Storage temperature(℃)	-40~70	Certification	CE
Backlash (mm)	0.4	Colour	Black	Wire length(m)	1.5
Wire connection	Bare wire 4 pins connector 6 pins connector	End mounting	O type		

ANT-16 Min. Install dimension [mm]		Limit switch	Hall sensor	Over current protection
	L+S	100+S	120+S	120+S
	A	75	95	95

DATA SHEET 2

ANT-16 Technical data

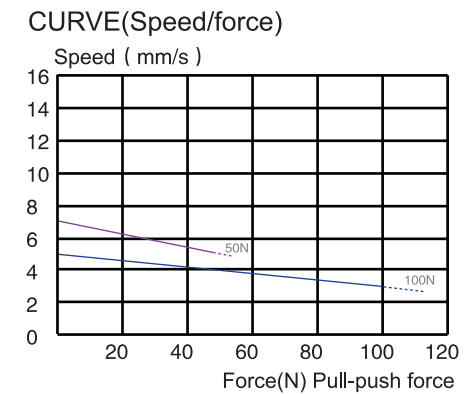
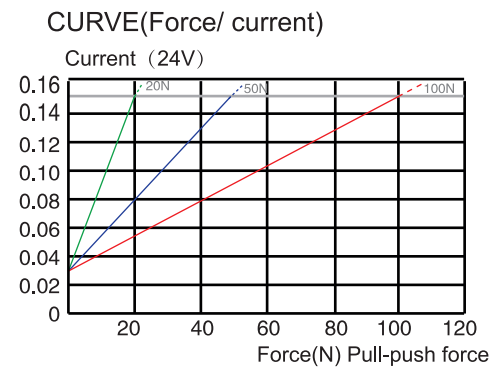
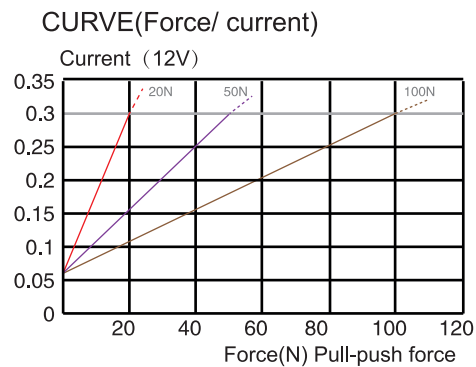
Max load(N)	20	50	100
Self-locking force(N)	30	75	150
No-load speed(mm/s)	15	7.5	5
Load speed(mm/s)	10	5	3

	Standard stroke		Special stroke
Stroke(mm)	50	100	Customized
Weight (kg)	0.1	0.2	

The min stroke:10mm
 The max stroke:100mm
 Precision:±2 mm

ANT-16 CURVE

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



ORDER KEY



① ANT - ② □ □ - ③ □ - ④ □ - ⑤ □ □ - ⑥ □ □ □ □ - ⑦ □ □ - ⑧ □ □ □ / ⑨ □ □ □ - ⑩ □ - ⑪ □ - ⑫ □

- ① **Brand:** ANT=ANTUATOR
- ② **Diameter:** 16=16mm; 26=26mm; 35=35mm; 38=38mm; 45=45mm; 52=52mm
- ③ **Out tube material:** S=powder coated steel; AL=aluminum; S/S=stainless steel
- ④ **Options:** L=low noise, N=Normal
- ⑤ **Input voltage:** 12=12VDC; 24=24VDC
- ⑥ **Max Load:** XXXX=N (See Data Sheet 2)
- ⑦ **Load speed:** XX=mm/s (See Data Sheet 2)
- ⑧ **Stroke:** XXXmm (See Data Sheet 2)
- ⑨ **Min. Install dimension:** XXXmm (See Data Sheet 1)
- ⑩ **Color:** B=Black; S=Silver; C=Customized
- ⑪ **Optional functions:** C=over current protection; H=hall sensor; LS=limit switch; N=none
- ⑫ **Protection Class:** W=IP67M, N=IP66

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