

ATA1M-series



Feature:

Housing

- V0 fire resistance material
- IP54 as standard, IP66 as option
- Compact dimension attached with ATC1-series control box

Gear Box

- Die casting gear box for longer life cycle
- 2 ball bearings for durable supporting
- Zinc Alloy rear attachment for heavy load over 4000N

Spindle

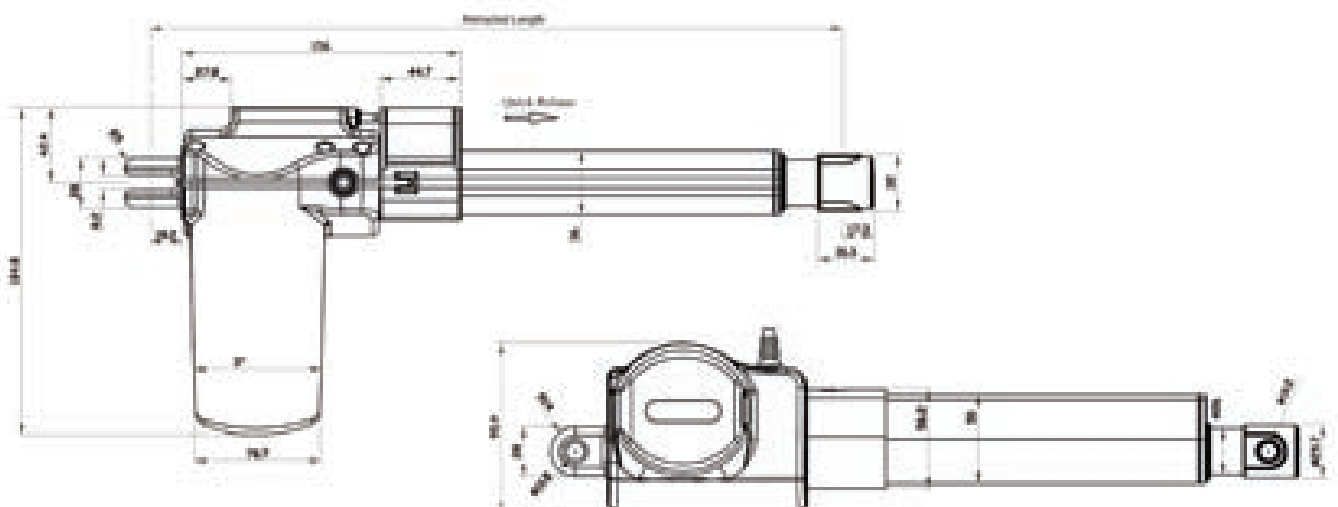
- Patented Safety Nut available (in push)
- Patented Quick Release available
- Mechanical End Stop for double security
- "Push only" available

Motor

- Comply with En60601-1
- Duty cycle: Max. 10% or 2 min. continuous use followed by 18 min. not in use
- In-house-made motor for different request
- Hall sensor available

Relative Parameters

Max. Load (N)	8000N
Max. Speed (mm/sec)	32mm/sec
Install with Quick Release	Stroke + 187mm
Install without Quick Release	Stroke + 163mm
Protection	IP66



ATA1M Ordering Key:

ATA1M	A	T	A	M	1
Spindle with Motor					
Standard Speed					
Please check the catalog from the website					
	A				
	B				
	C				
	D				
	E				
	F				
	G				
	H				
Higher Speed					
Please check the catalog from the website					
	I				
	J				
	K				
	L				
	M				
	N				
	O				
	P				
Stroke					
50		0	0	0	
100		0	0	0	
400		4	0	0	
Retained length					
0-100mm (Front Attachment: 1, 2, 3, 4)		0	0	0	
0-100mm (Front Attachment: 1, 4)		0	0	0	
0-100mm (with Quick Release for Front attachment: 1, 2, 3, 4)		0	0	0	
0-200mm (with Quick Release for Front attachment: 3, 4)		0	0	0	
Rear Attachment					
U Fork plastic ø 10.0mm (For push load)					1
U Fork plastic ø 12.0mm (For push load)					2
U Fork Metal ø 10.0mm (For pull load)					3
U Fork Metal ø 12.0mm (For pull load)					4
Customized Dimension					A
Front Attachment					
Tube in the tube with cap, ø 10.0mm					1
Tube in the tube with cap, ø 12.0mm					2
U Fork end, ø 10.0mm					3
U Fork end, ø 12.0mm					4
Tube with Hole and metal bushings, ø 10.0mm					5
Tube with Hole and metal bushings, ø 12.0mm					6
Customized Dimension					A
Attachment orientation (perpendicular front view)					
0°					1
45°					2
90°					3
135°					4
Color					
Black (Standard)					1
Light Grey RAL7021 (Option)					2
Water Proof					
IP65					1
IP68					2
Spindle Option					
NONE					0
Safety Nut					1
Push only					2
Safety Nut + Push only					3
Brake + Safety Nut					4
Safety Nut + Push-Only + Brake					5
Quick Release					
Without Quick Release					0
With Quick Release					1
Sensor Option (not put)					
NONE					0
1 Hall sensor					1
2 Hall sensors					2
ELP (External Limit Switch Protection)					3
3rd Limit Switch					4
Connector					
Standard connector for AT-C series					0
Special Wire without connector					1
Customized Connector					A
Cable Length					
Straight 2m					1
Straight 1.5m					2
Straight 1.2m					3
Straight 1m					4
Straight 0.75m					5
Straight 0.5m					6
Coiled 0.4m					7
Coiled 0.2m					8
Customized cable length					A