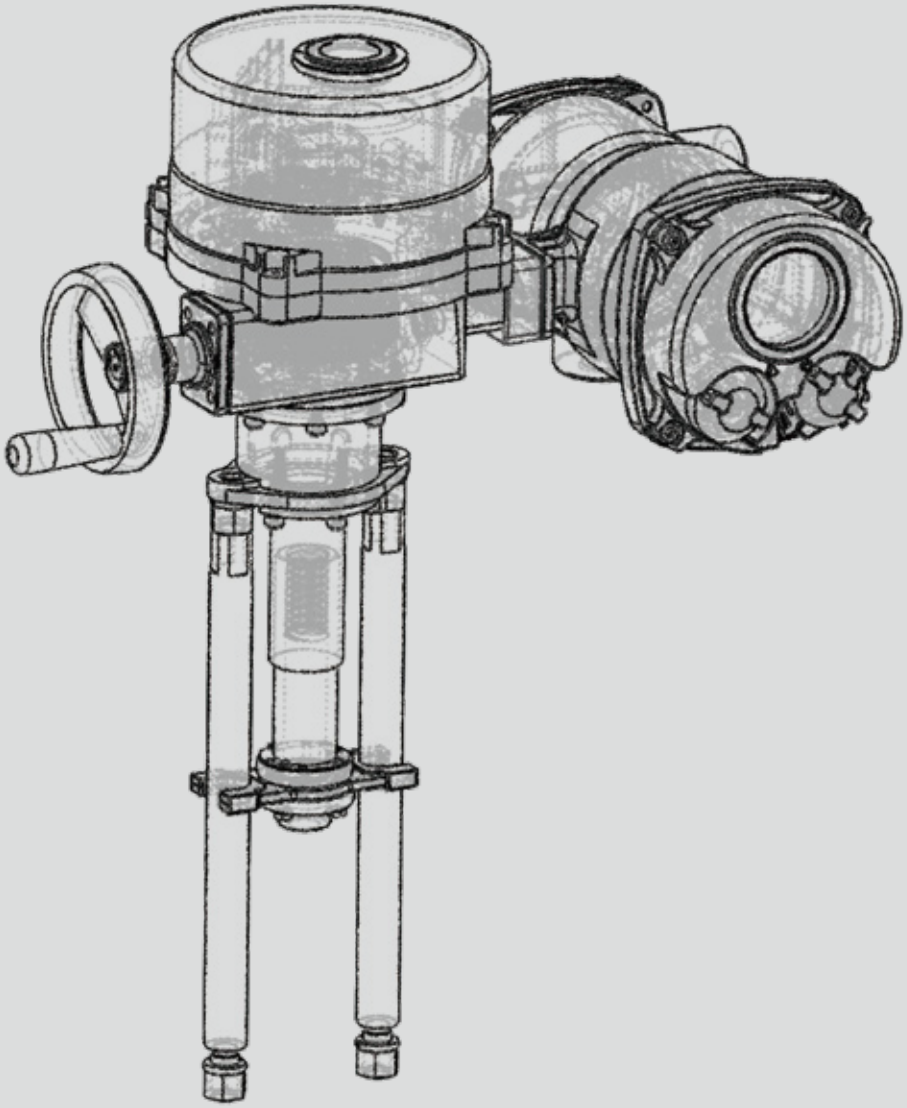
FLOWINN



LINEAR ELECTRIC ACTUATOR

bsi. ISO 9001 Quality Management FM 522775

bsi. ISO 14001 Environmental Management EMS 595200

bsi. OHSAS 18001 Occupational Health and Safety Management OHS 595201

CE RoHS REACH

FLOWINN INDUSTRIAL CO., LTD. established itself as a electric actuator manufacturer in 2007. With main focus on the design and development of electric actuator, we have been providing our product and services worldwide. Our quality and technical innovation have contributed to the growing industry recognition and made collaborations with many of the industry elites possible.

Our customer base include countries of Europe, United states, Australia, Africa, South East Asia and Middle East. With application to water treatment, HVAC, petroleum, chemical, electronics, light industry, food, medicine, textile, papermaking, hydropower, ship, smelting, new energy and so forth.

Flowinn is an ISO 9001, ISO 14001 and OHSAS 18001 certified company. Most importantly, Flowinn electric actuators mark with CE, CSA, explosion-proof (ATEX, IECEx), IP68, RoHS and REACH. Most are given by internationally renowned certification bodies such as TUV, NEPSI, DNV, CSA, SGS, BSI and such. There are currently over 40 product patents that FLOWINN possesses as of now.

As one of the leading electric actuator manufacturer, we always adhere to "CUSTOMER FIRST, RESEARCH & INNOVATION, CONTINUOUS IMPROVEMENT, TEAMWORK" concepts.

LINEAR OVERVIEW

FLOWINN's linear series are separated into the ELM series and TFAX series. Along with the adaptation of 1 + N concept to maximize the value to meet the needs of different areas. Over the years, it has experienced various fields of domestic and foreign markets practice and application while gotten the reward of multiple national and international qualifications. Its performance has been improved and upgraded in the cruel competitive nature of the business. Nowadays, they are as good as ever in all areas of the market.

PATENTED TRANSMISSION MECHANISM DESIGN

ELM010~080 series of electric actuators equipped with patented manual / electric switching function. Under the electric state, the actuator will automatically switched to manual control any time the handwheel is being pushed forward. And the handwheel will not rotate with the motor to ensure the operator's safety. Under the manual state, all it takes is to pull the handwheel to switch to the electric operation.

ELM100 ~ 250 series of electric actuators equipped with manual / electric automatic switching function. No clutch design so that the handwheel can be rotated when it's operating as there's no interference. Thus ensures the operator's safety. Such mechanical design will be the mainstream in the future.

SELF-LOCKING PROTECTION

With high-strength anti-rust drive screw and copper alloy wear-resistant drive nuts constitute the output unit of the actuator, it changes the rotary motion into linear motion. Such mechanism adopts the self-locking function, thus satisfies the self-locking needs when the valve is in the greater pressure situations.

LINEAR CHARACTERISTICS & PERFORMANCE

CHARACTERISTICS

The output unit of the actuator is provided with a bidirectional disc spring device. With a certain preload, ensures the longer period of time of being opened or closed of the valve. Also to reduce the valve pressure instability for the impact of the actuator.

INTERCHANGEABLE CONNECTING BOLTS

According to the different thread of the valve thread connection, the actuator connection bolts can be designed for different thread connection specifications. Can be quickly replaced for easier and faster operation.

USER INTERACTION INTERFACE

Intelligent type is equipped with brand new UI control interface, with the specialized remote control, achieves a variety of functions of the actuator configuration operation. Supports multi-language, satisfies all kinds of demands from the customer. It can also be customized based on special requirements.

ENVIRONMENTALLY FRIENDLY

Can be equipped with DC motor and drive technology, also able to receive solar or wind power equipment power supply thus minimized the impact to the environment to the fullest extent.

LINEAR SAFER MORE RELIABLE & STABLE

OPERATIONAL SAFETY
F grade (H grade is optional) insulation motor. The motor windings are equipped with temperature control switches to sense the temperature of the motor and provide over temperature protection, which ensures the operational safety of the motor.

ANTI-HUMIDITY RESISTANCE
Installed with heater inside the actuator used to remove the internal condensation which cause damages to electrical parts.

PHASE PROTECTION
Phase detection and correction functions avoid the actuator being damaged by connecting to the wrong power phase.

VOLTAGE PROTECTION
Protection against high and low voltage situations.

OVERLOAD PROTECTION
The power will automatically shut off when valve jam occurs. Thus preventing further damage to the valve and actuator.

OPERATIONAL DIAGNOSIS
Intelligent actuators are equipped with multiple sensing devices. With the functions of real-time reflections of the control signal received by the actuator, fault alarm, operating parameters, status indication and other status. Multi-diagnostic function can locate the fault, thus making it easy for the users.

PASSWORD PROTECTION
Intelligent actuators possess classifiable password protection, which can be authorized to different operators to avoid misuse which causing the actuator failure.

WORKING ENVIRONMENT

ANTI-CORROSION PROTECTION	Epoxy resin enclosure, can be NEMA 4X, customer-special painting is available. Can be customized according to customers' needs.
INGRESS PROTECTION	IP67 is standard, IP68 is optional. IP54 for TFAX series. Can be customized according to customers' needs.
FIRE-PROOF GRADE	High temperature fireproof enclosure meets requirements in different situations.Can be customized according to customers' needs.
AMBIENT TEMPERATURE	Temperature range is from -20 ℃ … +65 ℃. TFAX series is: -15℃~+60℃
RELATIVE HUMIDITY	≤ 95 %（25 ℃）

CONTROL MODE LINEAR

NON-INVASIVE CONTROL

Non-through-the-shaft magnetic switch design, it is controlled by the Hall device inside the actuator. Equipped with local control / remote control / prohibit knob, and open / stop / close knob, accommodating with the indicator light and LCD screen to achieve non-invasive field control operations.

SCREW AND NUT ASSEMBLY

Using high-strength steel rust-proof screw and high wear-resistant copper alloy nuts. Each pair of screw nuts are tested before installation to ensure that the installation of the smallest gap, and the maximum efficiency of the transmission torque.

MANUAL OPERATION

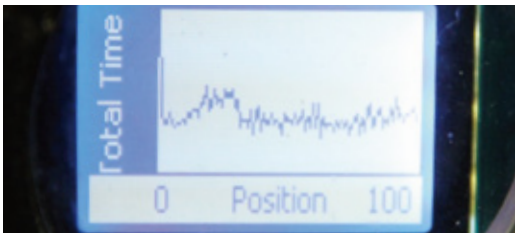
Full range of products are equipped with hand wheel operating mechanism to facilitate the commissioning and emergency manual operation, manual / electric automatic switching, safe and reliable.

INFRARED REMOTE CONTROL

The intelligent type actuator is able to provide different remote control based on different application requirements. Such as portable infrared remote control in ordinary locations and explosion-proof remote control for hazardous locations.

DATA MONITORING VS MANAGEMENT LINEAR

Super intelligent type actuators adopting high-performance micro-processors, real-time collection of valve position, torque and other operational information. Logical calculation truly reflects the operating status. Real-time monitoring & managing data provides references for the actuator maintenance.

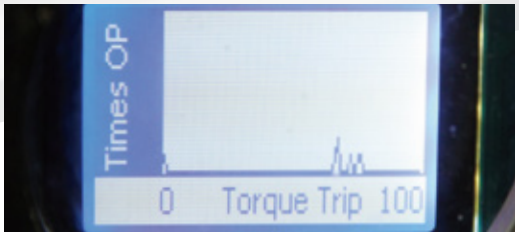


TIME-POSITION CURVE

The curve shows the running trend of the actuator, and the number of times the actuator has been passed at the corresponding positions.

AVERAGE TORQUE CURVE

It records the average output torques in the corresponding positions of both OPEN and CLOSE directions. The operating load of the actuator can be detected via the curve.



OPERATION TREND CURVE

The curve shows the cumulative number of positions corresponding to the control signal received by the actuator thus far. It enables the clients to understand the overall controlling trend of the actuator.

LINEAR INSTALLATION & MAINTENANCE

Optional double sealed structure of the wiring chamber. The internal electrical devices are guaranteed to be in a perfectly sealed protection when the actuator is performing on-site installation and debugging.

α shrapnel terminal block, doesn't need to install a special wiring copper ring and can be directly connected. On-site installation is more convenient.

Seal off lubrication design, without regular grease supplement, life-long maintenance-free.

LINEAR
TECHNICAL SPECIFICATION

ELM 010-080 series
Integral (M)

ELM 100-250 series
Integral (M)

General Parameters	Force range	ELM010-080series	▪ 1000 - 8000 N.m
		ELM100-250series	▪ 10000 - 25000 N.m
	Max stroke	ELM010-080series	▪ 60 mm
		ELM100-250series	▪ 100 mm
	Open/close time	ELM010-080series	▪ 40 - 122 s
		ELM100-250series	▪ 55 - 179 s
	Ambient temperature	▪ -25 ℃ ··· +70 ℃	
	Anti-vibration level	▪ JB/T 8219	
	Noise level	▪ Less than 75 dB within 1 m	
	Electrical interface	▪ Two PG16 (please contact us for customization if in need of other interface)	
	Ingress Protection	▪ IP67, Optional:IP68 The definition of IP68 is:Depth of water: Maximum 15 m under water level.Duration of continuous immersion in water: Max.(72 hours).	
Mechanical Parameters	Motor Specifications	▪ Class F, with thermal protector up to +135 ℃ (+275 ℉) Optional: Class H	
	Working System	▪ On-off Type: S2 ~ 15 min, no more than 600 times per hour start ▪ ModulatingType: S4 ~ 50 %, up to 600 triggers per hour	
	Applicable Voltage	▪ Single phase: Voltage (±10 %); Hz (±5 %) 50 Hz (24, 220, 230, 240 Volts) 60 Hz (24, 110, 120, 220, 230, 240 Volts) ▪ DC: 24 V (±10 %) (Please contact FLOWINN for other voltages)	
	Bus	▪ N/A	
	On/off Type Signal — Input	▪ AC/DC 24 input ▪ AC 110/220 V input	
	On/off Type Signal — Signal Feedback	▪ Close valve contact ▪ Open valve contact (contact capacity: 5A @ 250Vac) Optional: Opening torque signal contact Closing torque signal contact Local/remote signal contact Integrated fault signal contact 4 ~ 20 mA transmit	
	On/off Type Signal — Malfunction Feedback	▪ Integrated fault alarm:Power off, motor overheating, lack of phase, over torque, broken signal	
	Modulating Type Signal — Input	▪ Input signal:4 - 20 mA; 0 - 10 V; 2 - 10 V ▪ Input impedance:250 Ω (4 - 20 mA)	
	Modulating Type Signal — Output	▪ Output signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V ▪ Output impedance: ⩽ 750 Ω (4 - 20 mA) (Repeatability and linearity within ± 1% of full valve stroke)	
	Modulating Type Signal — Signal Reverse	▪ N/A	
	Modulating Type Signal — Loss Signal Mode Setting	▪ N/A	
	Modulating Type Signal — Dead Zone	▪ ⩽ 1 %	
	Modulating Type Signal — Time Lag	▪ N/A	
Control mode	Indication	▪ Stroke indicator	
	Operation Settings	▪ N/A	
	Local Control	▪ N/A	
	Intelligently Analyze Data Records	▪ N/A	
Others	Other Function	▪ Torque protection ▪ Motor overheat protection ▪ Moisture-resistant heaters (anti-moisture device)	
	Optional accessories	○ Flange ○ Independent wiring box	

LINEAR
TECHNICAL SPECIFICATION

ELM 010-080 series
Intelligent (I)

ELM 100-250 series
Intelligent (I)

General Parameters	Force range	ELM010-080series	▪ 1000 - 8000 N.m
		ELM100-250series	▪ 10000 - 25000 N.m
	Max stroke	ELM010-080series	▪ 60 mm
		ELM100-250series	▪ 100 mm
	Open/close time	ELM010-080series	▪ 40 - 122 s
		ELM100-250series	▪ 55 - 179 s
	Ambient temperature		▪ -25 ℃ ··· +70 ℃
	Anti-vibration level		▪ JB/T 8219
	Noise level		▪ Less than 75 dB within 1 m
	Electrical interface		▪ Two PG16 (please contact us for customization if in need of other interface)
	Ingress Protection		▪ IP67, Optional:IP68 The definition of IP68 is:Depth of water: Maximum 15 m under water level.Duration of continuous immersion in water: Max.(72 hours).
Mechanical Parameters	Motor Specifications		▪ Class F, with thermal protector up to +135 ℃ (+275 ℉) Optional: Class H
	Working System		▪ On-off Type: S2 ~ 15 min, no more than 600 times per hour start ▪ ModulatingType: S4 ~ 50 %, up to 600 triggers per hour Optional: 1200 times per hour
	Applicable Voltage		▪ Single phase: Voltage (±10 %); Hz (±5 %) 50 Hz (24, 220, 230, 240 Volts) 60 Hz (24, 110, 120, 220, 230, 240 Volts) ▪ DC: 24 V (±10 %) (Please contact FLOWINN for other voltages)
	Bus		▪ N/A
	On/off Type Signal	Input	▪ AC 24 auxiliary power input control ▪ Optoelectronic isolation
		Signal Feedback	▪ Close valve contact ▪ Open valve contact (contact capacity: 5A @ 250Vac) Optional: Opening torque signal contact Closing torque signal contact , Local/remote signal contact Integrated fault signal contact , 4 ~ 20 mA transmit
		Malfunction Feedback	▪ Integrated fault alarm:Power off, motor overheating, lack of phase, over torque, signal off, ESD beyond protection, terminal output
	Modulating Type Signal	Input	▪ Input signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V ▪ Input impedance: 250 Ω (4 ~ 20 mA)
		Output	▪ Output signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V ▪ Output impedance: ⩽ 750 Ω (4 ~ 20 mA) (Repeatability and linearity within ± 1% of full valve stroke)
		Signal Reverse	▪ Support
		Loss Signal Mode Setting	▪ Support
		Dead Zone	▪ 0.5 ~ 9.9% adjustable rate within full stroke
		Time Lag	▪ N/A
Control mode	Indication		▪ LCD screen opening indicator
	Operation Settings		▪ Settings done opening the cover
	Local Control		▪ Supports signal selection, status indication, fault diagnosis, and so on
Others	Intelligently Analyze Data Records		▪ N/A
	Other Function		▪ Alarm signal (local and remote included) ▪ Torque protection ▪ Motor overheat protection ▪ Moisture-resistant heaters (anti-moisture device) ▪ Infrared remote control Optional: Infrared remote control
	Optional accessories		○ Flange ○ Independent wiring box ○ Remote control

LINEAR
TECHNICAL SPECIFICATION

ELM 100-250 series
Super Intelligent (S)

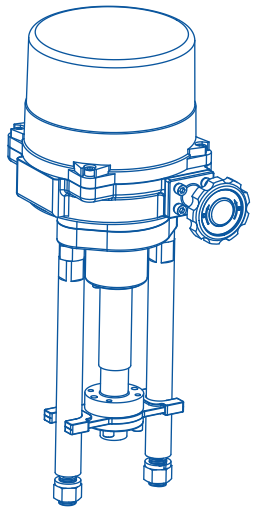
General Parameters	Force range	ELM100-250series	▪ 10000 - 25000 N.m
	Max stroke	ELM100-250series	▪ 100 mm
	Open/close time	ELM100-250series	▪ 55 - 179 s
	Ambient temperature		▪ -25 ℃ ··· +70 ℃
	Anti-vibration level		▪ JB/T 8219
	Noise level		▪ Less than 75 dB within 1 m
	Electrical interface		▪ Two PG16 (please contact us for customization if in need of other interface)
	Ingress Protection		▪ IP67, Optional:IP68 The definition of IP68 is:Depth of water: Maximum 15 m under water level.Duration of continuous immersion in water: Max.(72 hours).
Mechanical Parameters	Motor Specifications		▪ Class F, with thermal protector up to +135 ℃ (+275 ℉)○ Optional: Class H
	Working System		▪ On/off type: S2 ~ 15min, no more than 600 times per hour start ▪ Modulating type: S4 ~ 50%, up to 600 triggers per hour Optional: 1200 and 1800 times per hour
	Applicable Voltage		▪ Single phase: Voltage (±10 %); Hz (±5 %) 50 Hz (24, 220, 230, 240 Volts) 60 Hz (24, 110, 120, 220, 230, 240 Volts) ▪ DC: 24 V (±10 %)(Please contact FLOWINN for other voltages)
	Bus		▪ Modbus
	On/off Type Signal	Input	▪ 20~60VAC/DCor60 ~ 120VAC ▪ Optoelectronic isolation
		Signal Feedback	▪ Relay X 5(4 can be set to "constant open" or "constant close" contacts. 1 integrated fault contact) ▪ a、On/off in place ▪ b、On/off over torque ▪ c、Local/remote ▪ d、Center position ▪ e、Multiple malfuntions to choose from Optional: 4 ~ 20 mA transmit
		Malfunction Feedback	▪ Torque protection ▪ Motor overheat protection ▪ Jammed valve protection ▪ Instantaneous reverse protection ▪ Broken signal protection ▪ Other alarms
	Modulating Type Signal	Input	▪ Input signal: 4 ~ 20 mA; 0 ~ 10 V; 2 ~ 10 V (the input signal can be arbitrarily corresponding to the valve position) ▪ Accuracy: (1%) ▪ Dead zone: 0 ~ 25.5% adjustable rate in full stroke ▪ Input impedance: 75 Ω (4 ~ 20 mA)
		Output	▪ Output signal: 4 ~ 20 mA;0 ~ 10 V; 2 ~ 10 V ▪ Output impedance: ≤750Ω (4 ~ 20mA) (Repeatability and linearity within ± 1% of full valve stroke)
		Signal Reverse	▪ Support
		Loss Signal Mode Setting	▪ Support
		Dead Zone	▪ 0~25.5% adjustable rate within full stroke
		Time Lag	▪ 0 - 25.5 s (Adjustable)
Control mode	Indication		▪ LCD screen opening indicator ▪ On/off/remote control/fault indicator (Digital display of the opening percentage and torque percentage)
	Operation Settings		▪ Settings done without opening cover (menu settings by the remote control) ▪ Configuration settings (such as valve position, the maximum opening, the maximum torque, etc.)
	Local Control		▪ Non-intrusive local control knob: Open/close/stop ▪ Non-intrusive local control knob: Local/remote/prohibit
Others	Intelligently Analyze Data Records		▪ Use infrared remote control to conduct fault diagnosis analysis on the display ▪ Use two-way remote control to achieve fast and safe nonintrusive communication and data exchange. Able to analyze the actuator data and given recommendations
	Other Function		▪ ESD can be set to fully opened, fully closed, and remain still ▪ Alarm signal (local and remote) ▪ Moisture-resistant heaters (anti-moisture device) ▪ Torque setting and protection ▪ Valve torque curve ▪ Operation time ▪ Torque bypass ▪ Average torque ▪ Number of starts ▪ Motor overheat protection ▪ Valve torque curve ▪ Operational trend records ▪ Lifetime statistics ▪ Infrared remote control ▪ Operation start up recording Optional: Two-way remote control Optional: Explosion-proof infrared remote control
	Optional accessories		○ Flange ○ Independent wiring box ○ Remote control

GENERAL SPECIFICATION
LINEAR REGULAR 080 SERIES

Model	Power (w)	Max stroke (mm)	Max force (n)	Stroke speed (s/mm)		Stroke speed (mm/s)		Remark (mm/s)
				50 Hz		50 Hz		
				AC 110 V AC 220 V	AC/DC 24V	AC 110 V AC 220 V	AC/DC 24 V	
ELM010	10	60	1000	0.83	0.64	1.20	1.56	Handwheel operation Manual/electric Switch mechanism
ELM020	10	60	2000	0.83	0.64	1.20	1.56	
ELM040	10	60	4000	1.58	1.23	0.63	0.81	
ELM080	15	60	8000	2.04	1.58	0.49	0.63	

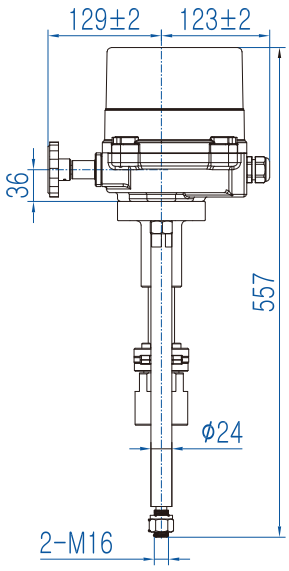
Note
1. The rated output of the actuator is 0.75 times the maximum force.
2. The standard color is black. Please contact us for other colors.

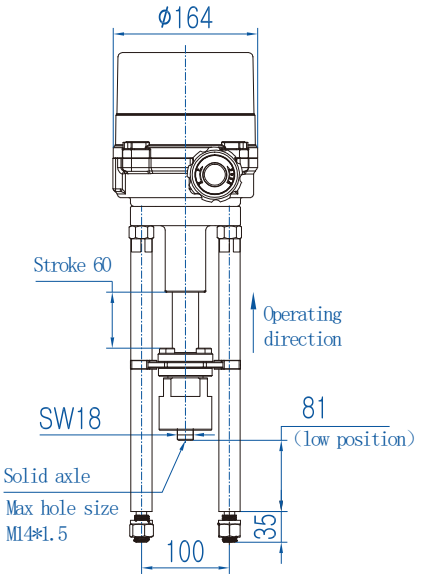
DIMENSION
LINEAR REGULAR 080 SERIES

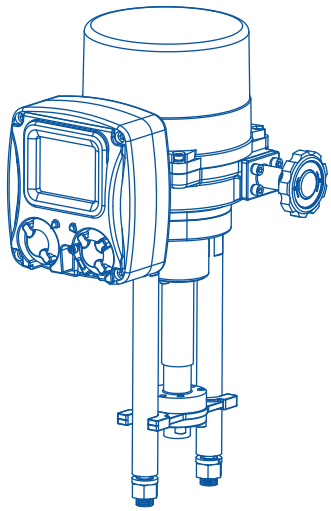


Integral Type

Weight: 10kg

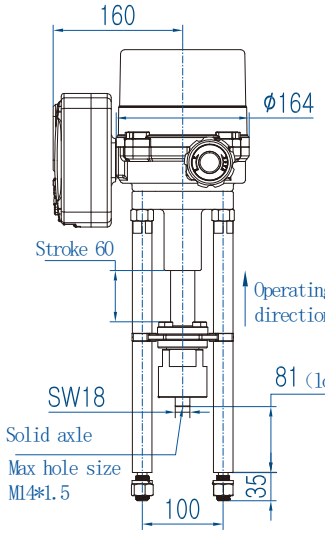


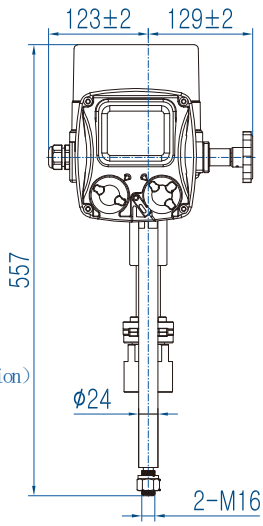




Intelligent Type

Weight: 12kg





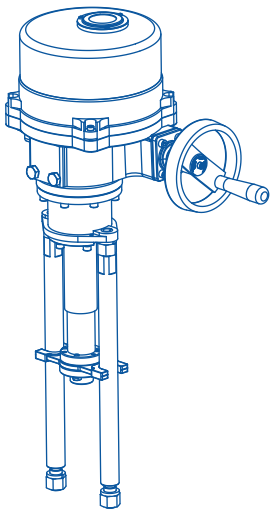
Note: Above connection size is the standard configuration. Please contact us for special connection methods.

GENERAL SPECIFICATION
LINEAR REGULAR 250 SERIES

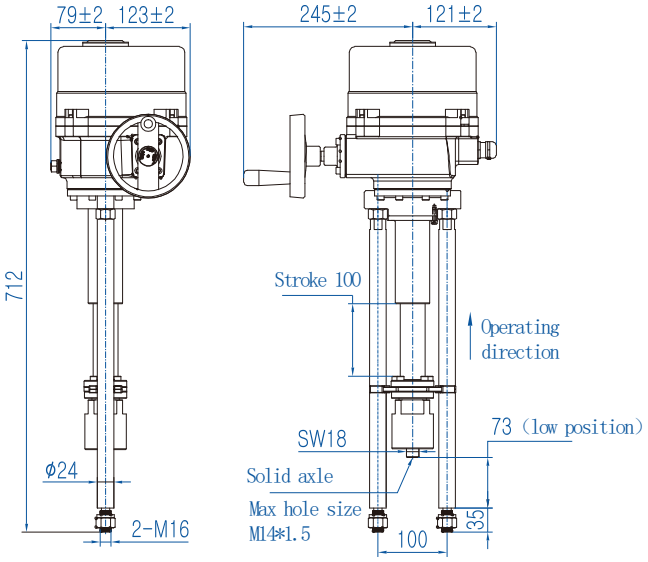
Model	Power (w)	Max stroke (mm)	Max force (n)	Stroke speed (s/mm)		Stroke speed (mm/s)		Remark (mm/s)
				50 Hz		50 Hz		
				AC 110 V AC 220 V	AC/DC 24 V	AC 110 V AC 220 V	AC/DC 24 V	
ELM100	40	100	10000	1.08	0.9	0.93	1.11	Handwheel operation Planetary gear mechanism without clutch
ELM200	40	100	20000	1.79	1.49	0.56	0.67	
ELM250	40	100	25000	1.79	1.49	0.56	0.67	

Note
1. The rated output of the actuator is 0.75 times the maximum force.
2. The standard color is black. Please contact us for other colors.

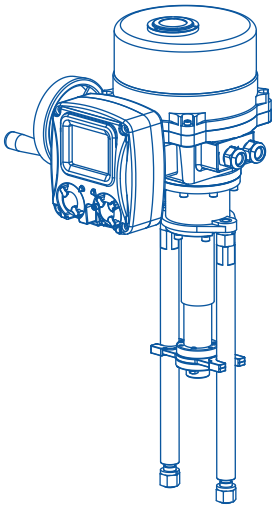
DIMENSION
LINEAR REGULAR 250 SERIES



Integral Type
Weight: 16kg

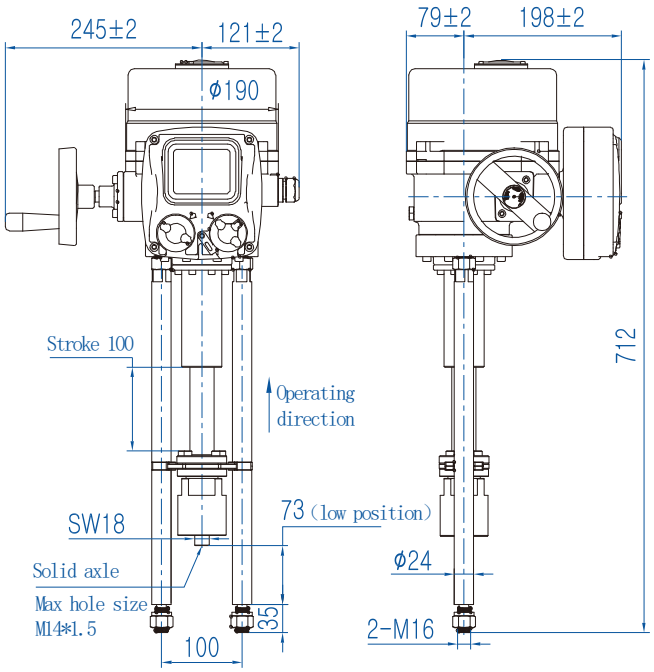


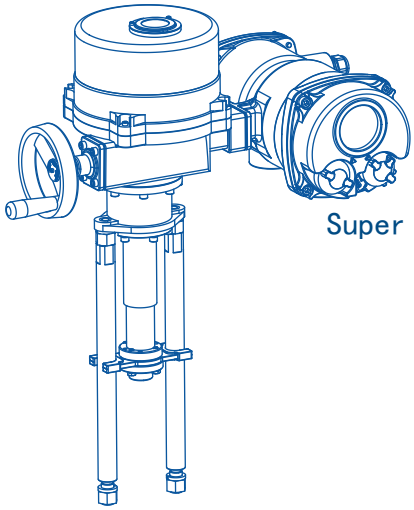
DIMENSION LINEAR REGULAR 250 SERIES



Intelligent Type

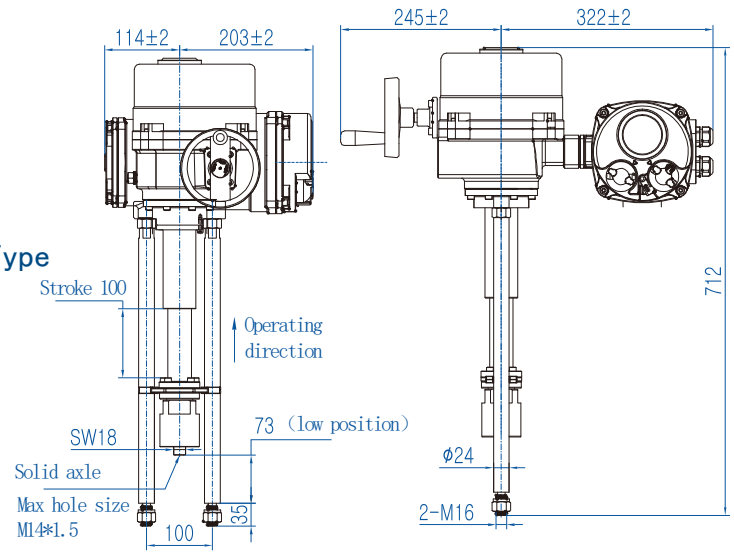
Weight: 18kg





Super Intelligent Type

Weight: 23kg



Note: Above connection size is the standard configuration. Please contact us for special connection methods.

HVAC SERIES LINEAR

TFAX series linear mechanism, mainly used to drive HVAC two-way valve and three-way Francis valve. The force range is 500N ~ 3000N, using high-performance AC reversible synchronous motor to ensure that the actuator can run uninterrupted. The adoption of high steel strength gear and screw effectively enhance the service life. Status indicator and movable valve position indicator allow you to observe the current opening and status from different angles. With the unique code design makes the valve positioning more accurate. Thus making the TFAX series actuators can be widely and effectively used in the field of HVAC.

Characteristic:

A key setting: The “A key” is used to setting the stroke after the installation of the valve. As it will automatically enter the running state.

Stem protection: The actuator will automatically function for a few seconds every 24 hours after powered on when idle for a long time. This can effectively reducing the valve internal components rust stuck phenomenon.

Multiple interfaces: The TFAX-040 series has a replaceable interface for changing different valve interfaces without changing the bracket.
Scale indication: The scale can be adjusted up or down to accommodate different gate positions.

Disc spring structure: With disc spring structure, with a certain preload to ensure that the gate can be closed for a long time.

Material selection: ABS material outer box and the main body of aluminum-magnesium alloy, to ensure safety and sturdy while reducing the weight of machine structure.

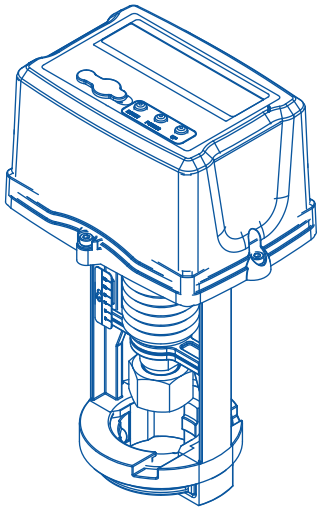
Power switch: The power switch located under the main body is conducive to manual operation and equipment debugging.

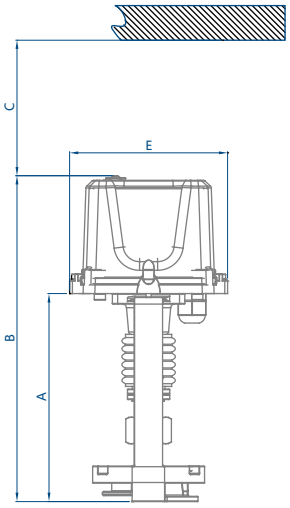
GENERAL SPECIFICATION
LINEAR HVAC SERIES

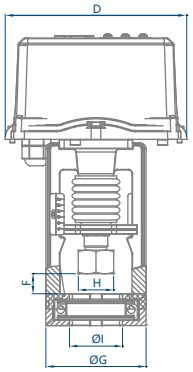
Model	Power (w)	Max stroke (mm)	Max force (n)	Stroke speed (s/mm)		Stroke speed (mm/s)		Weight	Remark
				50 Hz AC 110 V AC 220 V AC 380 V	AC/DC 24 V	50 Hz AC 110 V AC 220 V AC 380 V 3 phase	AC/DC 24 V		
TFAX020-05	8	22	500	0.26	0.31	3.85	3.21	2	5# "Z" type hex wrench operation without Handwheel operation Planetary gear mechanism without
TFAX020-10	8	22	1000	0.26	0.31	3.85	3.21	2	
TFAX040-18	12	42	1800	0.34	0.41	2.95	2.46	2.8	
TFAX040-24	12	42	2400	0.34	0.41	2.95	2.46	2.8	

Note:
1. Voltage: AC24V 50 / 60Hz (proportional control type), 220V 50 / 60Hz (floating point control type)
2. Ambient temperature: -15℃~60℃
3. Relative humidity: ≤ 90% (25 ℃, non-condensing)
4. Ingress protection: IP54 (Indoor use)
5. Control mode: Forward or reverse analog signal (proportional type); contact switch control; DDC control
6. Analog signal type: 0-10V, 2-10V, 4-20mA input and feedback

DIMENSION
HVAC SERIES LINEAR







Model	A	B	C	D	E	F		ØG	H	ØI	
						Max	Min				
TFAX020-05	166 146	206 240	> 100	161	108	67	45	80	M20×1.5	55 (Max)	45 (Min)
TFAX020-10	166 146	206 240	> 100	161	108	67	45	80	M20×1.5		
TFAX040-18	205 222	309 325	> 110	194	113	97	55	110	M20×1.5		
TFAX040-30	205 222	309 325	> 110	194	113	97	55	110	M20×1.5		

Note: Above connection size is the standard configuration. Please contact us for special connection methods.

Order code:

TFAX-020 - I - 05 - 24

- TFAX electric linear actuator series
- Max stroke
  020:22mm
  040:42mm
- Control mode
  I: Proportional control type
  O: Floating point control type
- Rated force
  05: 500N (020 stroke optional)
  10: 1000N (020 stroke optional)
  18: 1800N (040 stroke optional)
  24: 2400N (040 stroke optional)
- Voltage
  24: AC24V
  220: AC220V (Floating point control type)

STANDARD

•EN15714	•JB/T8219	•EN60730	•GB3836
•GB12476	•EN60079	•CSA60079	•UL60079

Complying with ISO 9001, 6 Sigma and virtual board management system, Flowinn inspect all actuators in each step of the production process. Collecting all of the production data for further analysis and tracing.

Perfection has always been our ultimate goal
Two years warranty is our commitment

bsi. ISO 9001 Quality Management FM 522775
bsi. ISO 14001 Environmental Management EMS 595200
bsi. OHSAS 18001 Occupational Health and Safety Management OHS 595201

CE RoHS REACH

■ Please visit our website at WWW.FLOWINN.COM for all certifications

SERVICES

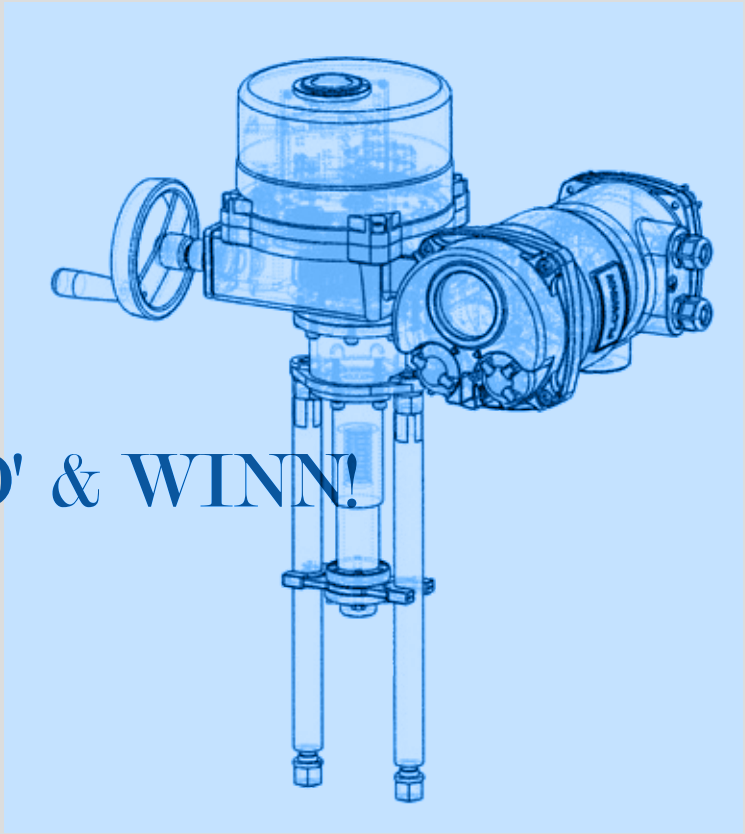
Flowinn's professional service team is ready to provide users with comprehensive services and professional technical supports at all time:

- No matter it is by phone, mail or on the site, we are standing by for your inquiry.
- Stable delivery time.
- On-site installation and debugging.
- Regularly follow up our products status and maintenance.
- We provide training for structure knowledge, operation, debugging, maintenance and more.

CUSTOMIZED PRODUCTION

AS TO FLOWINN, THERE IS NO SUCH THING CALLED IMPOSSIBLE.

FOR SPECIAL REQUIREMENTS, WE PROVIDE CUSTOMIZED SOLUTIONS.



Go with the FLO' & WINN!

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