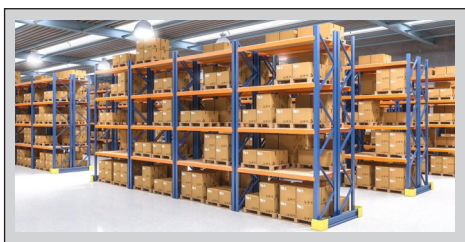


BIBUS

Electric Linear Actuator Seamless linear positioning



- ▶ Cost-Effective Solutions
- ▶ Smooth & Precise Motion
- ▶ Wide Range of Models
- ▶ Integrated Control Options
- ▶ Low Maintenance Operation



Ready Stock, Anytime You Need It

We maintain a consistent stock of electric actuators to support your requirements whether it's a single unit or bulk quantities. From small-scale needs to large-scale demands, we ensure prompt delivery and reliable supply to keep your operations running without delay.

Precision-Designed Actuators for Unique Requirements





We offer customized actuator solutions designed to meet your specific requirements. Whether it's solar panel tilting, automated machinery, medical equipment, or special-purpose systems, our products can be adapted for precise performance, efficiency, and reliability in your unique application.





Technical Support & Programming Assistance

Our expert team supports you with actuator selection, application-specific design, and seamless system integration. We provide programming support to suit your control system. Even after installation, our team is ready to assist for reliable, long-term performance.

Design Attributes

Parameter	Type A	Type B	Type C	Type D
Images				
Input Voltage	12V / 24V	12V / 24V	12V / 24V	12V / 24V
Max Thrust	1000N-6000N	1000N-1000N	500N-6000N	125N-2000N
Max Tension	600N-5000N	600N-6000N	600N-5000N	600N-1500N
Colour Options	White	White / Black	White	White
Protection Class	IP54, IP66	IP54, IP66	IP54	IP54
Duty Cycle	10% (2min ON, 18 min OFF)	10% (2min ON, 18 min OFF)	10% (2min ON, 18 min OFF)	10% (2min ON, 18 min OFF)
Stroke Lengths in mm (Standard)	100-900	100-900	100-400	100-400
Custom Stroke	Special strokes can be customized	Special strokes can be customized	Special strokes can be customized	Special strokes can be customized
Open Length	Close Length + Stroke Length	Close Length + Stroke Length	Close Length + Stroke Length	Close Length + Stroke Length
Noise Level	≤ 48 dB(A) (Ambient noise ≤ 40 dB)	≤ 48 dB(A) (Ambient noise ≤ 40 dB)	≤ 48 dB(A) (Ambient noise ≤ 40 dB)	≤ 48 dB(A) (Ambient noise ≤ 40 dB)
Limit Switch	In Built	In Built	In Built	In Built

Lifting columns & Control solutions

Parameter	MODEL - BI - F4	MODEL - BI - M8
Images		
Input Voltage	12V / 24V	12V / 24V
Load capacity	4000N	6000N
Colour	White	White
Speed	4-12 mm/sec	4 - 60 mm/sec
Material	Aluminium	Aluminium
Protection Class	IP43	IP43
Duty Cycle	10% (2min ON, 18 min OFF)	10% (2min ON, 18 min OFF)
Stroke Length	100-400 mm	100-600mm
Limit Switch	Inbuilt	Inbuilt
Operation Temperature	-5°C ~+45°C	-5°C ~+45°C
Certification	EN60601-1/EN60601-1-2 & ROHS, CE	ROHS, CE

Two Function Control Box



Four Function Control Box



2-F



3-F



4-F



5-F+CP

Applications

- ICU Beds
- Hospital Beds
- Homecare Beds
- Solar Panel System
- Rehabilitation Beds
- Industrial Automation
- Agricultural Machinery
- Surgical or Operating Beds
- Birthing Beds (Maternity Beds)



Questionnaire Form For Actuators and Lifting Columns

Replacement	
Equivalent Part	
New Application	
Repeat Order	Part No. :
Please mention part no/ Function set & Quantity	Quantity:
	Delivery Date:
	Notes:
New Order or New Inquiry	
Actuator	Lifting Column
Actuator Type: A / B / C / D	Model Type: BI-F4 or BI-M8
Load: _____N	Load: _____N
Stroke: _____mm	Stroke: _____mm
Speed: _____ mm/sec	Speed: _____ mm/sec
Voltage: 12V / 24V	Voltage: 12V / 24V
Close length / Installation Length: _____ mm	Close length / Installation Length: _____ mm
Extended Length: _____ mm	Extended Length: _____ mm
IP Rating: IP54 / IP66	IP Rating: IP43
Duty Cycle: 10% (2 min ON , 18 min OFF)	Duty Cycle: 10% (2 min ON , 18 min OFF)
With Reed Switch / Without Reed Switch	Control Box :
Hall Sensor: Required / Not Required	Handset / Remote:
Control Box (2 Function / 4 Function)	
Handset / Remote:	
Single function :	
Two function :	
Three function :	
Four function :	
Five function	
Remarks :	

Fill the above details &
we will suggest you the right solution for your application

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