

Pax-0800



Introduction :

The *Pax-0800* linear actuator is a powerful electric actuator built for heavy-duty industrial tasks. With high force capacity, customizable strokes, and reliable IP54/IP65 protection, it ensures precision and durability in lift systems, automation, solar tracking, and more.

Key Feature :

- High thrust up to 10,000N (1000kg)
- 12V/24V/36V/48V DC voltage options
- Customizable stroke: 50–1000mm
- Built-in potentiometer & limit switches
- IP54/IP65 protection for industrial use
- Low-noise (≤ 60 dB) operation
- Optional wired/wireless remote control



Specification :

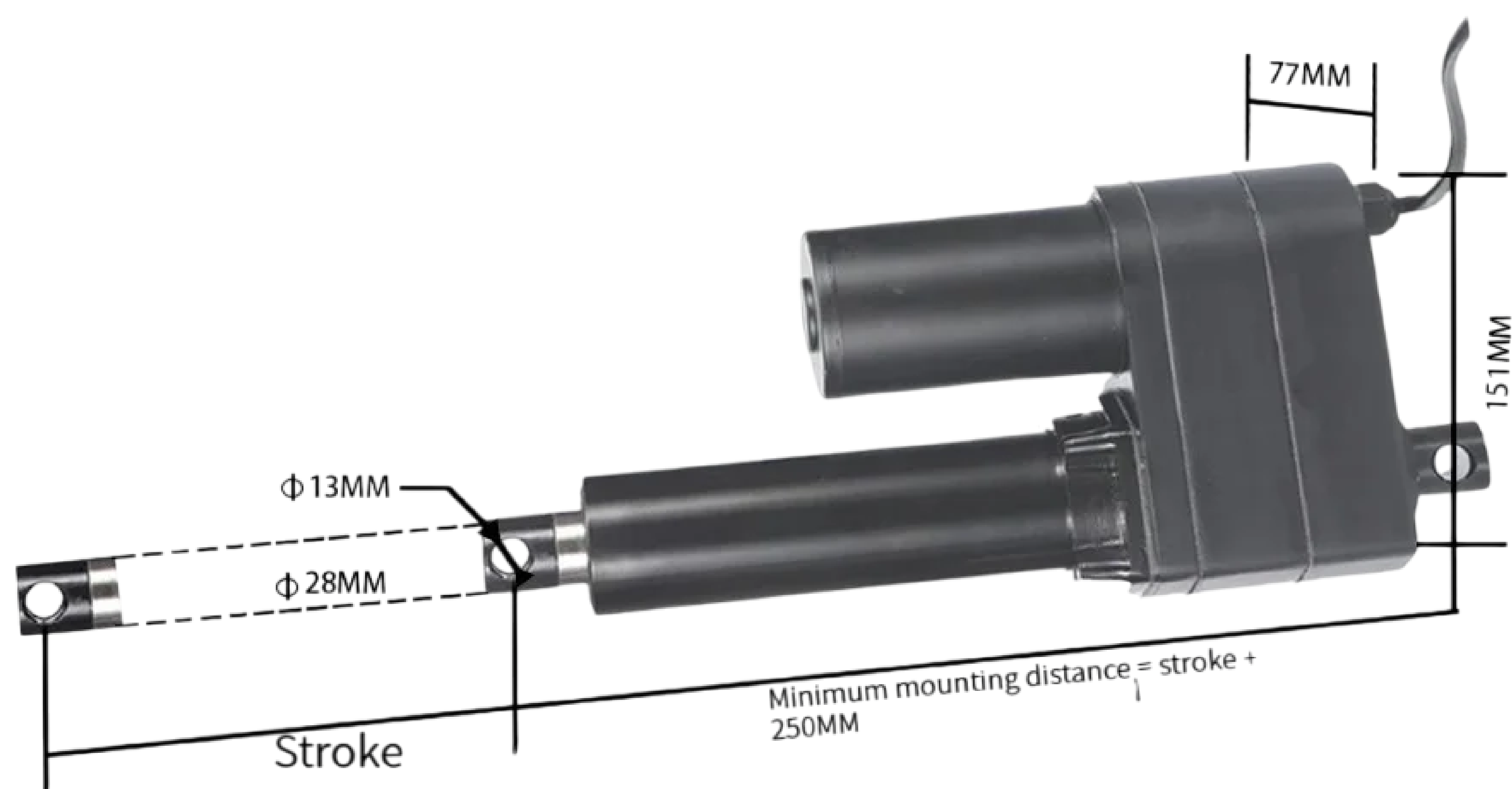
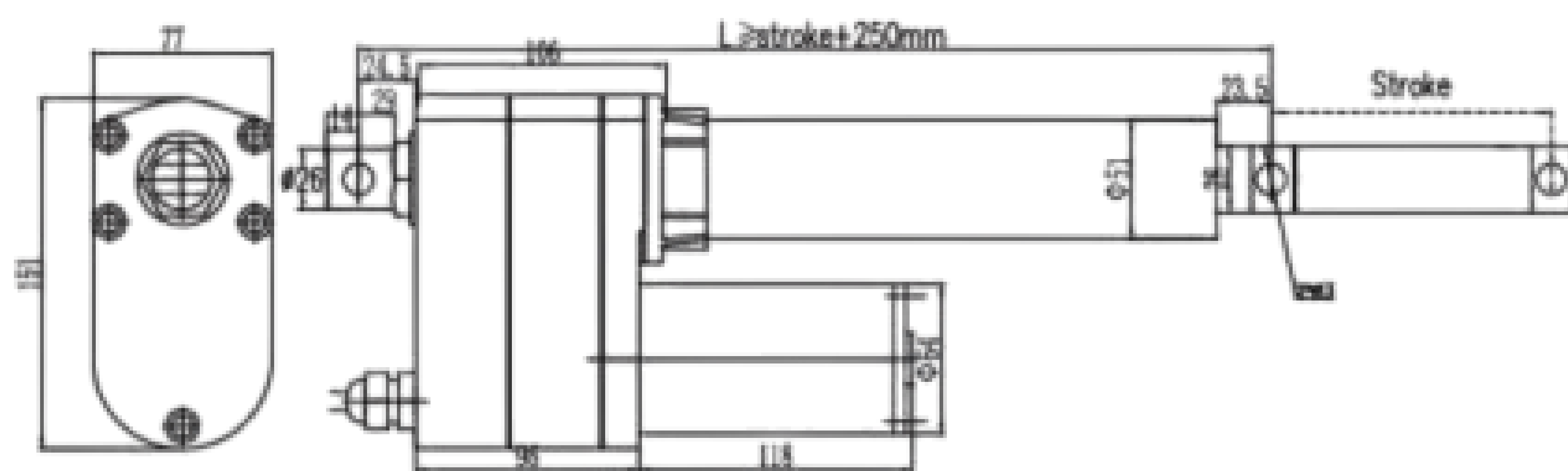
Model	<i>Pax-0800</i>
Maximum Push/Pull Force	<i>800kg / 1000kg (8000N / 10000N)</i>
Voltage Options	<i>12V / 24V / 36V / 48V DC</i>
Standard Stroke Length	<i>50, 100, 150, 200, 300, 400, 600, 800, 1000mm (customizable)</i>
Installation Distance	<i>L = Stroke + 250mm (retracted)</i>
Fully Extended Distance	<i>2 × Stroke + 250mm</i>
No-Load Speed	<i>Up to 8mm/s</i>
Rated Load Speed	<i>5mm/s (800kg), 8mm/s (500kg)</i>
Ambient Temperature	<i>-26°C to +65°C</i>
Protection Level	<i>IP54 / IP65</i>
Limit Switch	<i>Built-in</i>
Noise Level	<i>≤ 60dB</i>
Controller Options	<i>Supports wired or wireless control</i>

Applications :

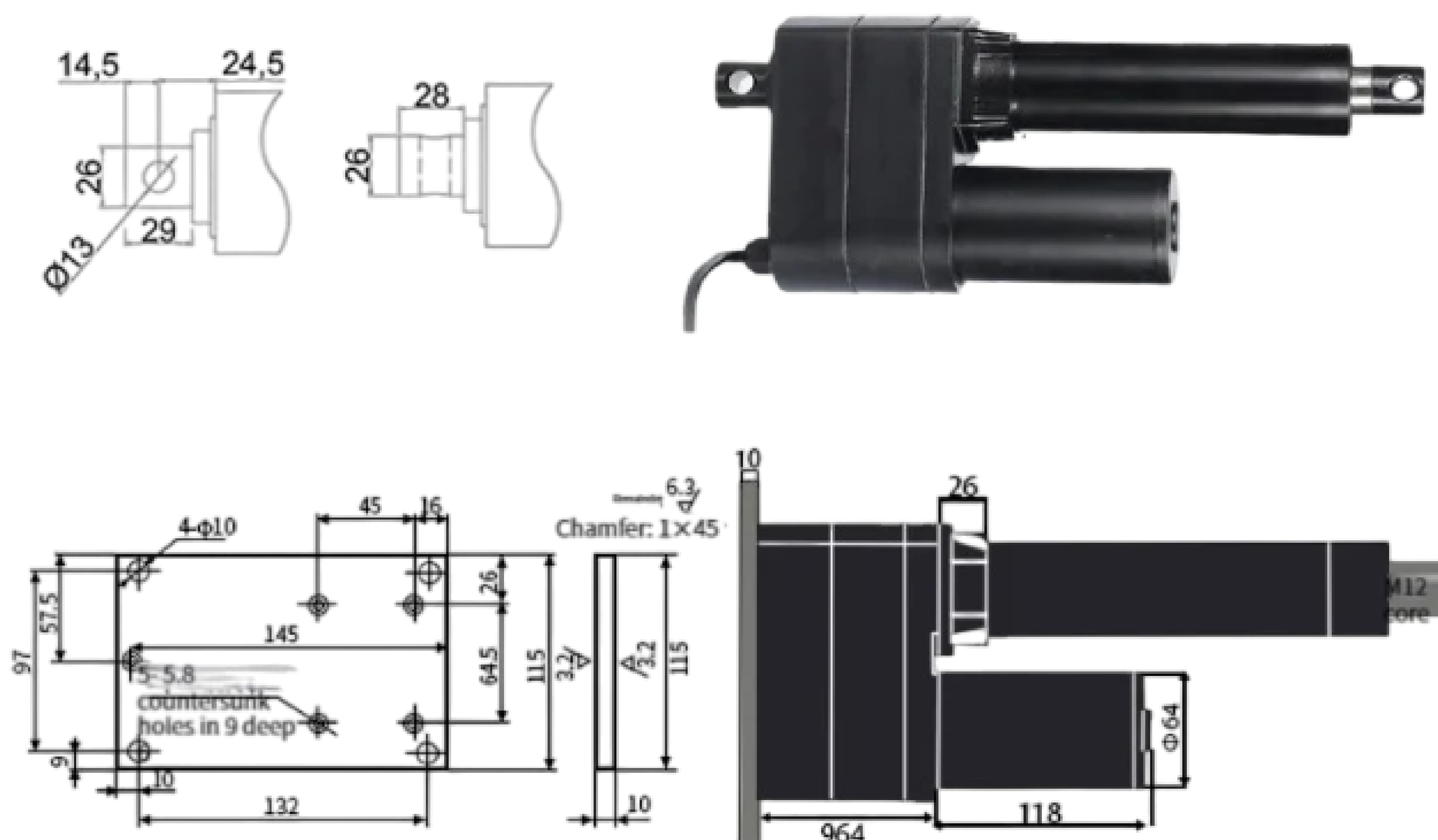
- *Motor Vehicle Flap Lifting*
- *Industrial Machinery Automation*
- *Agricultural Machinery Adjustment*
- *Home Automation Systems*
- *Industrial Valve Control*
- *Solar Panel Tracking Systems*



Drawing :



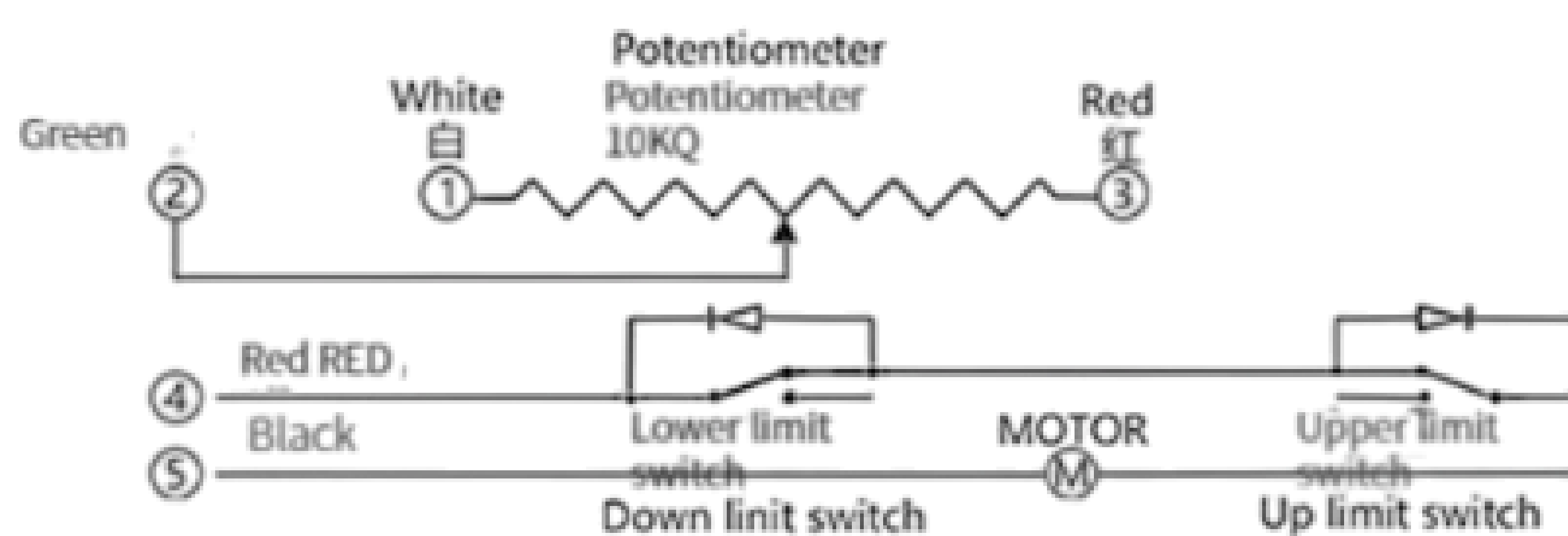
Tail Connection :



5 styles of front connectors are available. Connectors, hole diameters, and tail pulls can be customized according to requirements.

Speed and Load :

Speed	6mm/s	12mm/s	16mm/s	25mm/s	30mm/s	50mm/s
Load	7000N	5000N	4000N	3000N	1500N	1000N



Black wire 5 connect +, red wire 4 connect -, the actuator extend;
Potentiometer green and white foot resistance increased.



Product Detail :

