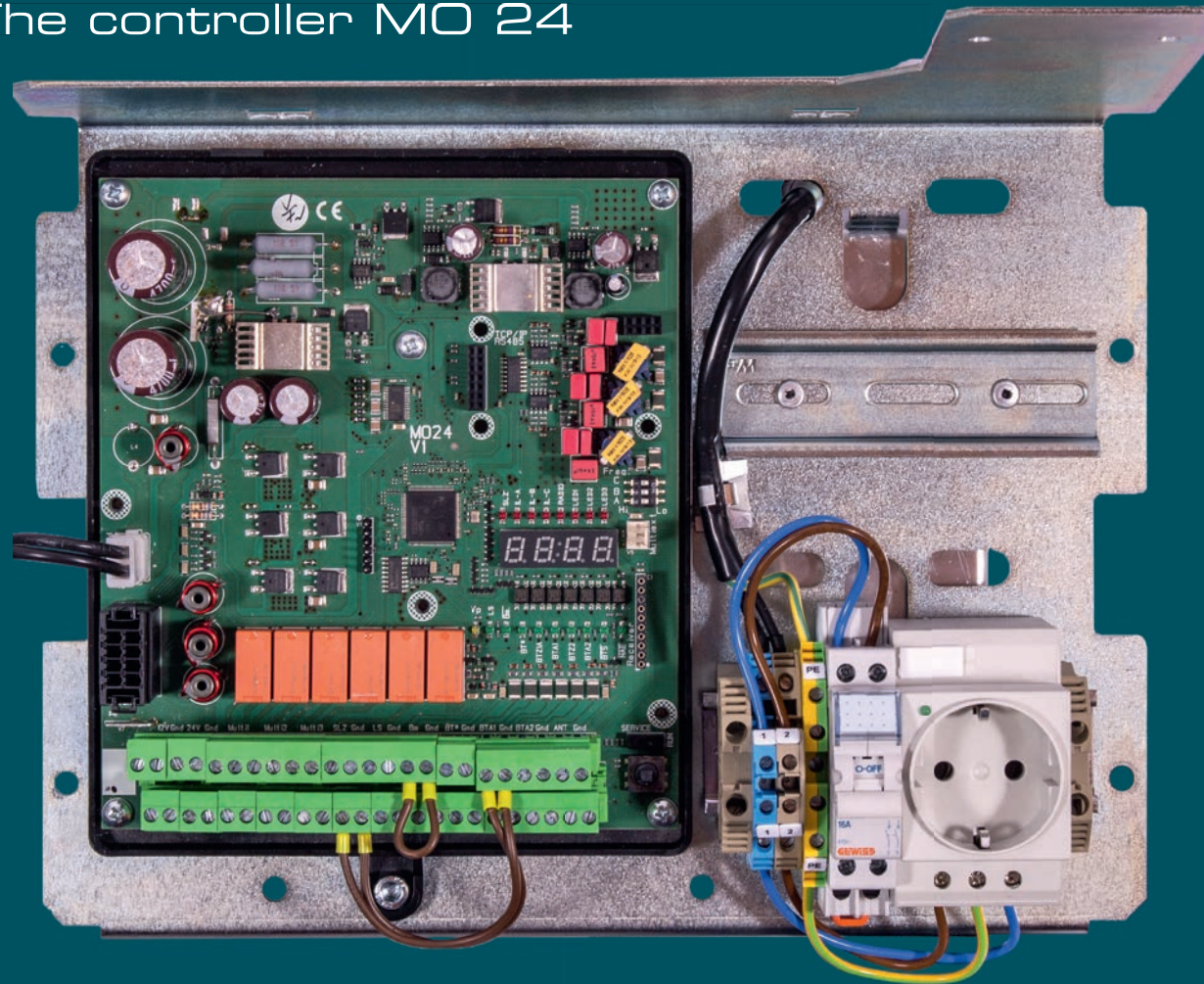


## Pure intelligence - The controller MO 24



In the 21st. century the best mechanics is only as good as the electronic is intelligent. The controller MO 24 features everything you always wanted from a barrier.

### Basic features

- » The same controller for all barriers
- » Three speeds
- » Three loop detectors
- » Rotation speed control, electronic, for perfect running performance
- » End position detection without limit switches
- » Opening angle adjustable in 5° steps, starting with 55°
- » Six multi-functional relays, potential-free, max. 24V / 1A

### Options

- » Module automatic opening in case of power failure
- » Module radio remote control receiver
- » Module TCP/IP or RS485 for network operation
- » Easy control "Configurator" to configure the barrier via Windows-PC
- » Easy control "Operator" to control and monitor the barrier via Windows-PC

## Technical data:

| Model                                 | P 2500  | P 3000          | P 3500          | P 4000          | P 5000          |
|---------------------------------------|---|-----------------|-----------------|-----------------|-----------------|
| Barrier controller                    | MO 24   |                 |                 |                 |                 |
| Boom length (mm)                      | 2,500   | 3,000           | 3,500           | 4,000           | 5,000           |
| Effective boom length (mm)            | 2,280   | 2,780           | 3,280           | 3,780           | 4,780           |
| Running time, selectable, approx. (s) | 0.9 / 1.3 / 2.5   | 1.3 / 1.8 / 2.5 | 1.8 / 2.5 / 3.8 | 2.8 / 3.8 / 4.5 | 3.8 / 4.5 / 5.5 |
| Duty cycle                            | 100%  |                 |                 |                 |                 |
| Housing L/W/H (mm)                    | 360 x 300 x 1,100   |                 |                 |                 |                 |
| Boom connector                        | Left / right usable   |                 |                 |                 |                 |
| Boom dimensions H/W                   | 100 x 25  |                 |                 |                 | 100 x 50        |
| Round boom                            | Optional ø 60mm   |                 |                 |                 | No              |
| Temperature range                     | -20°C to +50°C  |                 |                 |                 |                 |
| IP degree of protection               | IP54  |                 |                 |                 |                 |
| Supply voltage                        | 88V - 264V, 47Hz - 63Hz   |                 |                 |                 |                 |
| Power consumption max. (W)            | 180 / 55 / 45   | 85 / 80 / 70    | 80 / 60 / 65    | 75 / 85 / 70    | 195 / 165 / 175 |
| Barrier weight, approx. (kg)          | 57  | 58              | 58              | 59              | 60              |
| Boom weight, approx. (kg)             | 3.8   | 4.5             | 5.0             | 5.8             | 10.0            |
| Power reversal                        | Selectable  |                 |                 |                 |                 |
| Swinging support or fixed support     | No  |                 |                 | Optional        | Mandatory       |
| Articulation kit                      | Optional  |                 |                 |                 | No              |
| Standard colours                      | Hood RAL 5012 (blue), bottom part RAL 9010 (white), custom colours optional |                 |                 |                 |                 |

We reserve the right to make technical alterations

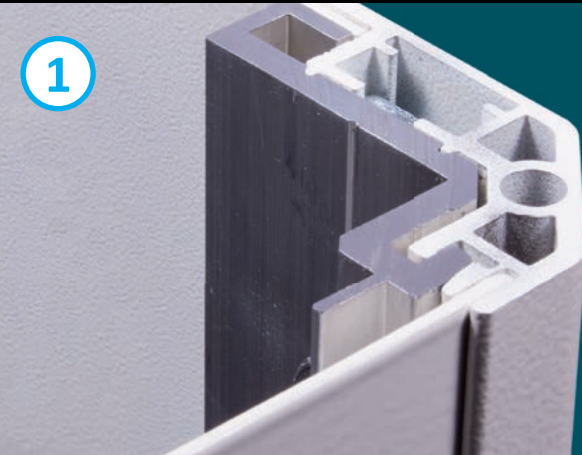
Your partner for distribution – installation – service:

# ELKA Barriers Series Parking



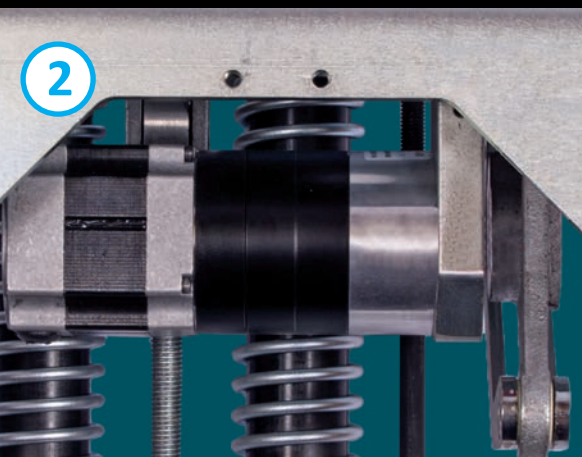
# ELKA Barriers

## Series Parking



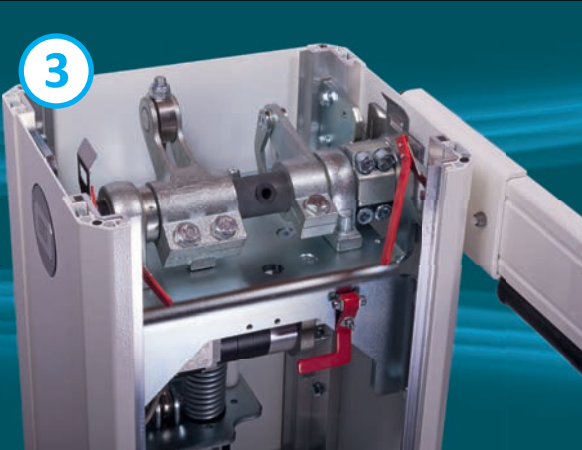
### Barrier housing

- » Housing made of aluminium, IP54, with clamping technology, patent pending
- » Powder coated, RAL 5012 / 9010
- » Custom colours upon request



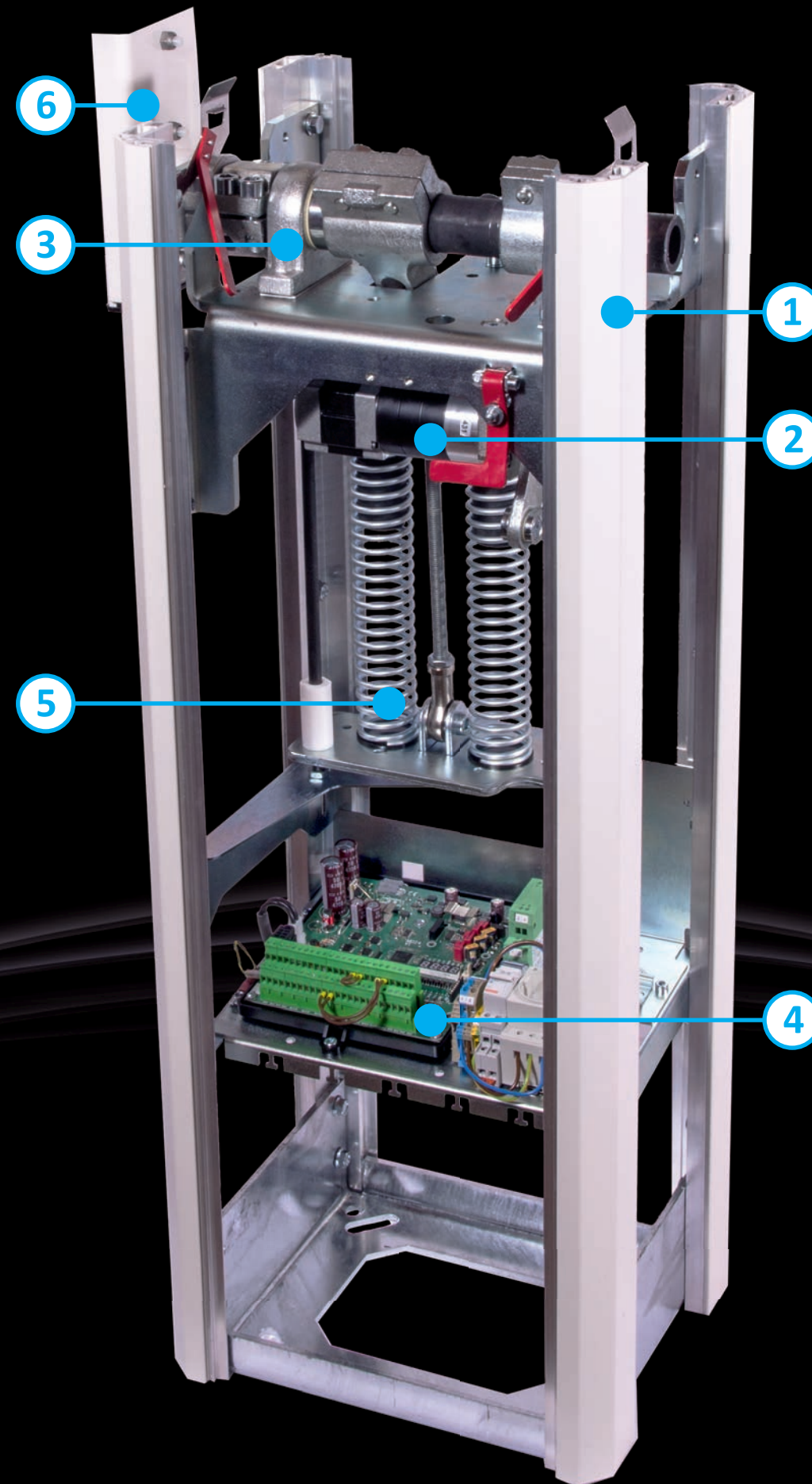
### Motor / Gearbox

- » Energy-saving concept with powerful 24V BLDC-motor
- » Planetary gear, multistage



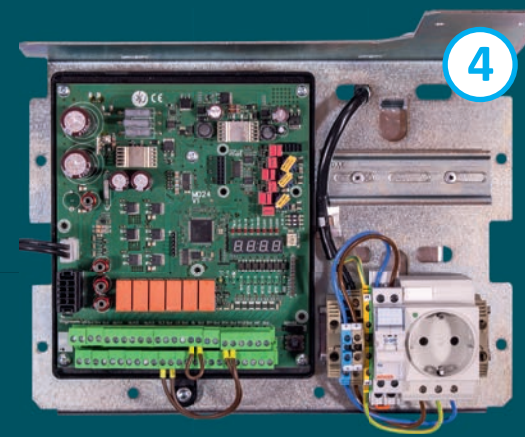
### Robust mechanics

- » Mechanics for intensive use up to 100% duty cycle
- » Components made of die-cast and lasered steel



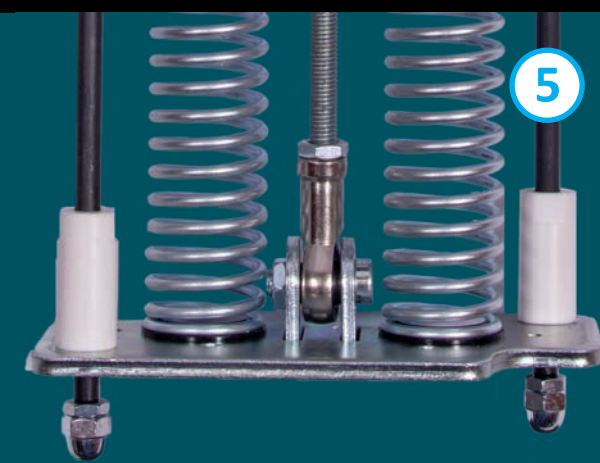
### Perfect running performance

- » Precise barrier boom movement through electronic rotation speed control by the controller
- » Fast, quiet, smooth



### Automatic opening

- » Automatic opening by additional module (optional) in case of power failure
- » Adjustable via pressure springs



### Left / right

- » Boom connector usable left / right without alteration
- » Boom connector for rectangular and round booms

