

ELKA Toll Station Barrier

The best for the highway

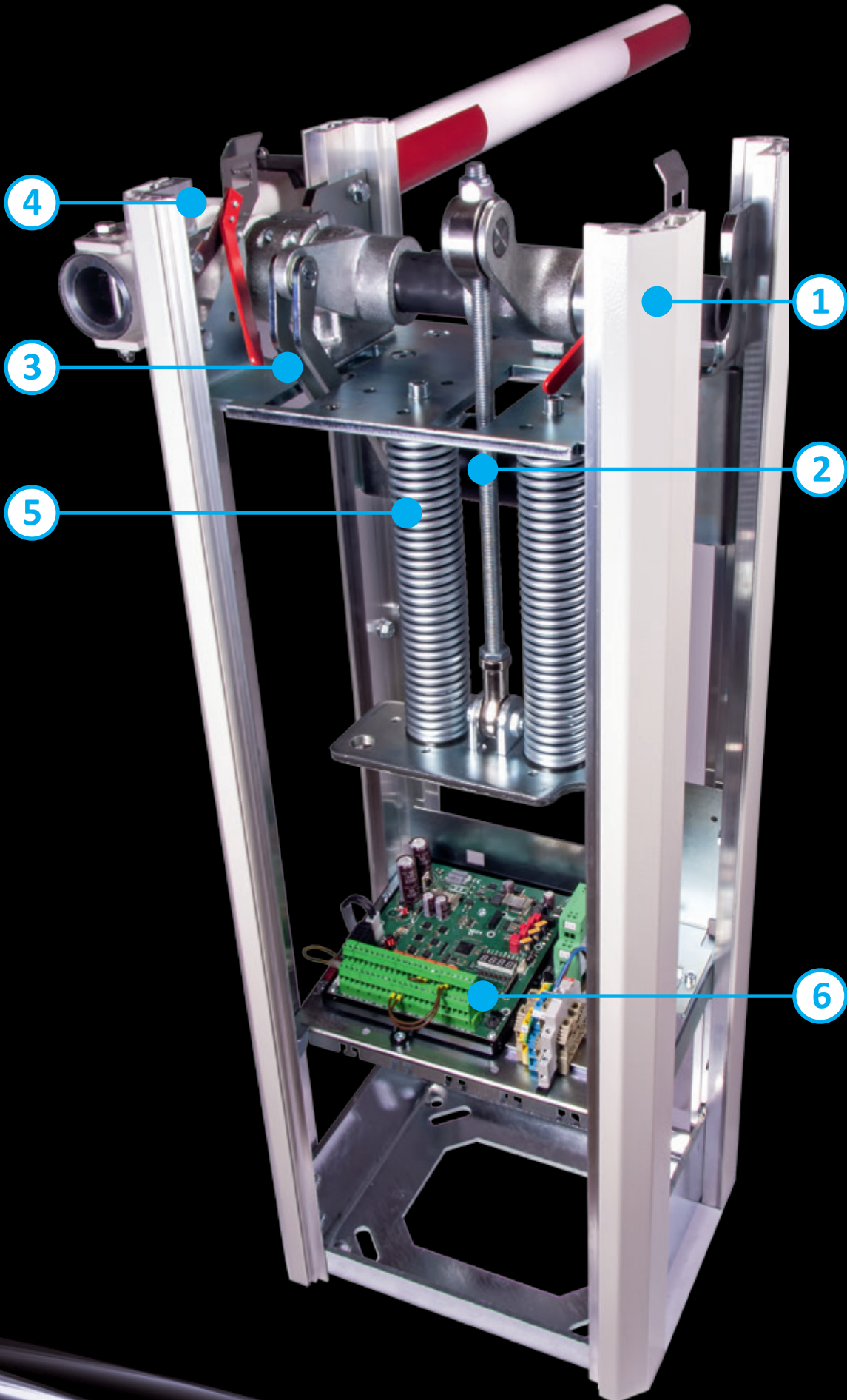


ELKA

MOVEMENT BRINGS MORE

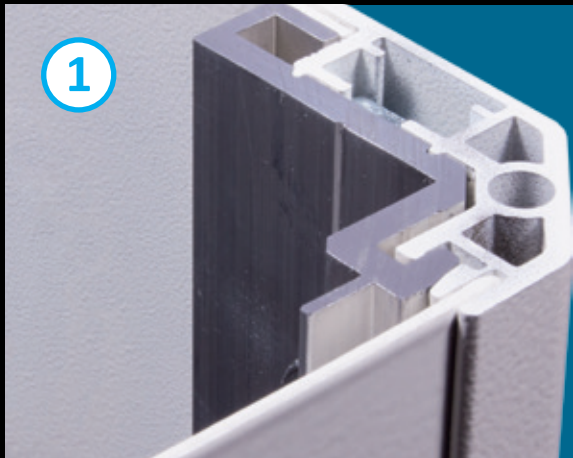
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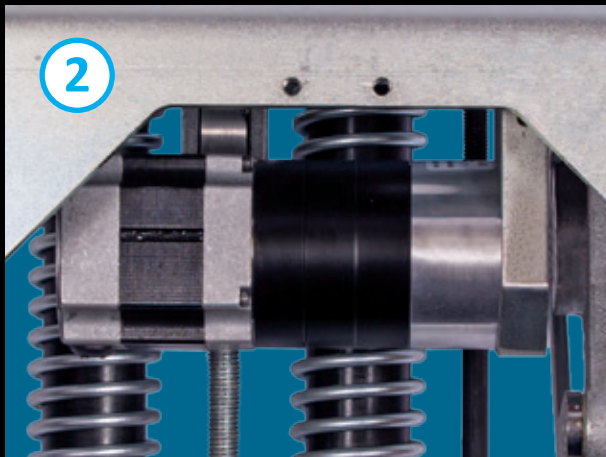
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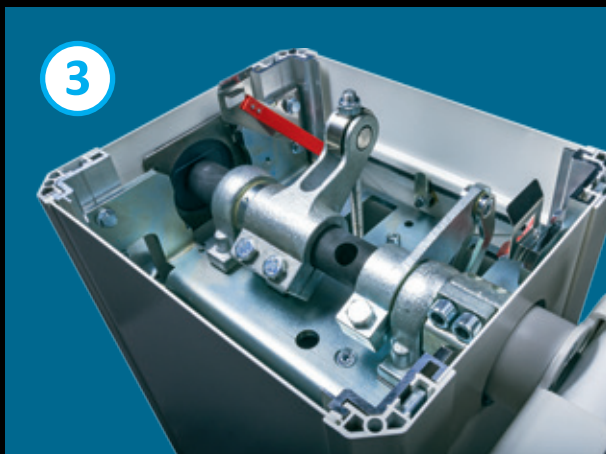
Barrier housing

- » 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

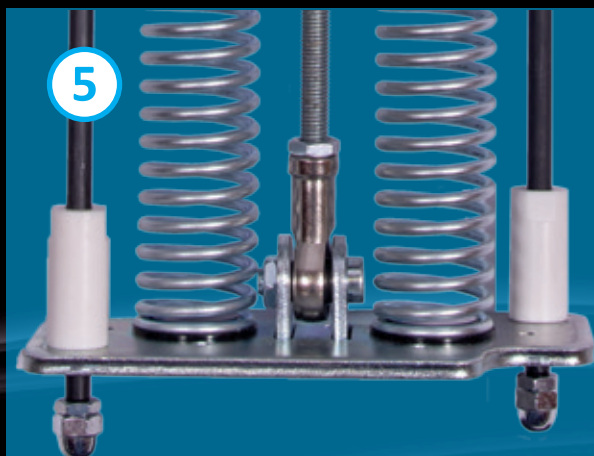
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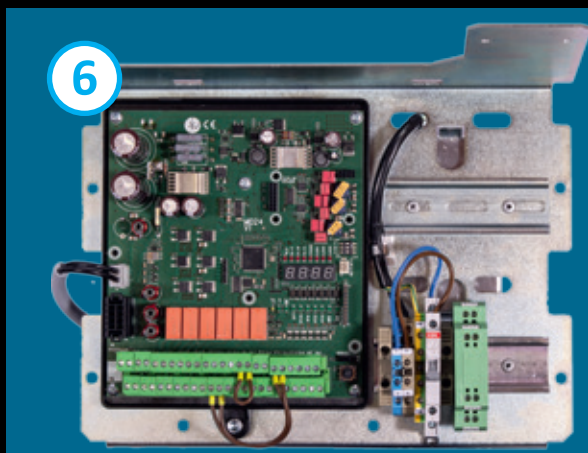
Boom connector

- » Boom connector usable left / right, without alteration
- » Clip-out function, limited to 90°



Automatic opening

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

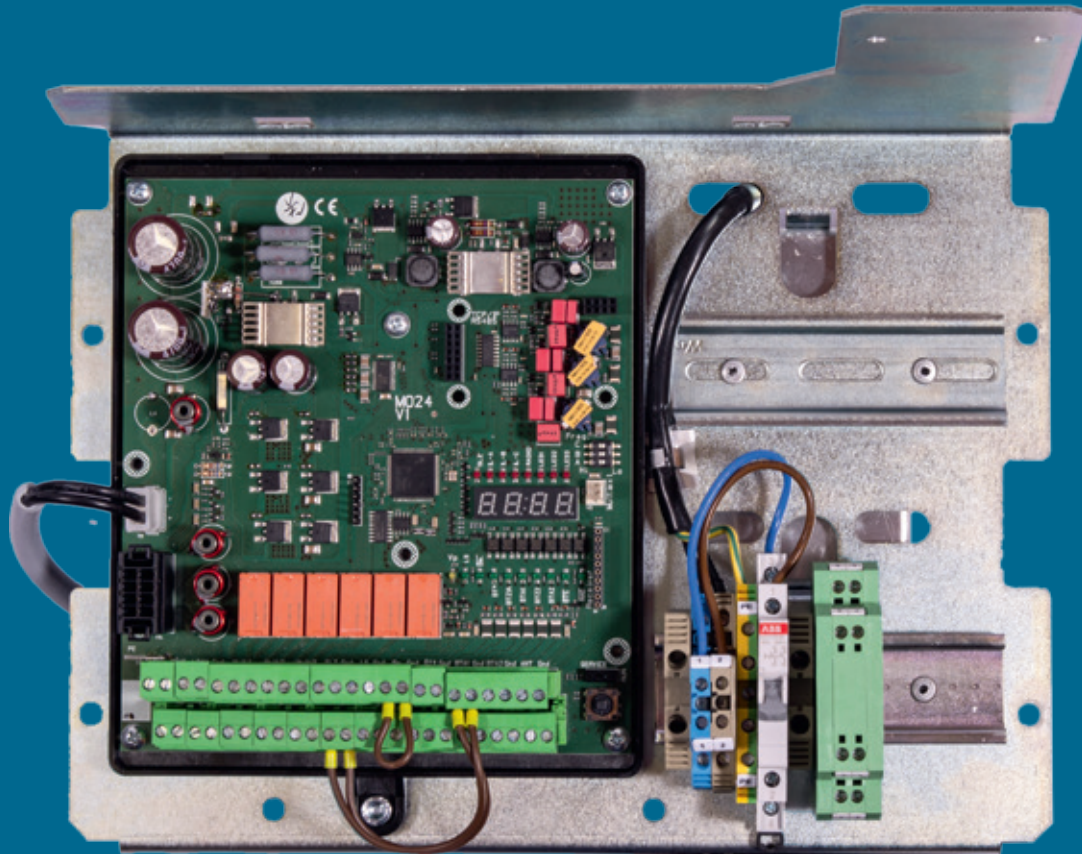


Perfect running performance

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

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 toll station barrier.

Basic features

- » The same controller for all barriers
- » Two 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 | T 3000 | T 3500 |
|---------------------------------------|---|-----------|
| Barrier controller | MO 24 | |
| Round boom (mm) | ø 60 | |
| Boom length (mm) | 3,240 | 3,740 |
| Effective boom length (mm) | 3,000 | 3,500 |
| Running time, selectable, approx. (s) | 0.6 / 0.9 | 0.9 / 1.3 |
| Duty cycle | 100% | |
| Housing L/W/H (mm) | 360 x 300 x 1,100 | |
| Boom connector | Left / right connectable, with clip-out function 90° | |
| Temperature range | -30°C to +70°C | |
| IP degree of protection | IP54 | |
| Supply voltage | 88V - 264V, 47Hz - 63Hz | |
| Power consumption max. (W) | 210 / 110 | 180 / 90 |
| Barrier weight, approx. (kg) | 58 | 59 |
| Boom weight, approx. (kg) | 2.4 | 2.8 |
| Power reversal | Selectable | |
| 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: