Your Intelligent Sliding System Drive
Invisible and powerful building automation

WHAT MOVES YOUR WORLD
Designed for a number of applications

- Conventional sliding systems
- Accordion operations
- Telescope operations
- Corner solutions accordion / telescope operations
- Revolving and swing systems
- Round sliding systems
- Revolving systems
- Automated dispensing cabinets

Your application is not listed? Ask us – we will find a suitable solution for you too!
Extremely compact design
Not keen on programming? No problem, we will be happy to deal with it!

Key Features

- Monitoring and limiting of the actuating current
- Connection options for sensors
- Connection and control of locking units
- Adjustable direction of rotation
- End position detection

Modularity

- Complete program ready for operation: All the functions are already included in the software and can be launched without any programming on the client’s side.
- Program modules for specific functions: individual functions can be combined in accordance with the requirements of the application.
- Client programming: for simple and uncritical applications, the drive can also be delivered without any software. The programming has to be done on the client’s / system manufacturer’s side.

Do you need other unique and innovative functions? Our experts can help!
## Technical data

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<th>Application</th>
<th>Sliding systems indoors and outdoors, sliding elements in furniture manufacture and shop fitting</th>
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| Operating modes | Telescope operation  
Accordion operation  
Ventilation and passageway function  
Special features for corner solutions |
| Drive | 150 W Moog Animatics SmartMotor™, achieves up to 250 N of thrust  
A highly compact and brushless DC motor with high power density. The casing of the SmartMotor™ comprises as full-featured motion controller, a high-resolution encoder for precise position detection and an amplifier. |
| Nominal torque | Up to 2.9 Nm |
| Nominal speed | Up to 450 rpm |
| Interface | CAN-Bus: both slave- and master capable  
RS232  
KNX: via CAN-converter |
| Max. shaft load | 160 N (radial, center output shaft) |
| Inputs | 1x open / 1x close / 1x reset / 2x sensor connection / 1x locking control (see below), 1x free to use |
| Locking Device Control | 2x 24 V output for the control (max. 1 A, switchable), 1x input for the status feedback of the lock |
| Gearbox | Low-noise planetary gearbox with integrated helical gearing |
| Connection | All standard timing belts available ex factory |
| Installation Ease | For quick and easy installation, the base plate of the casing is provided with mounting threads. |
| Power supply | AC-DC, 150 W, integrated in the casing of the drive |
| Voltage | 115 / 230 V<sub>AC</sub> |
| Weight | 1.50 kg / 3.31 lb |
Benefits for manufacturers, architects and developers

- Extremely small installation space either in the ceiling, floor or wall. Reduces static and thermal bridge problems
- High efficiency and power density – elements of various sizes can be covered with the same engine size. Reduces construction, production, storage and service costs
- Partially self-programmed – simplifies the commissioning and servicing for assembly and service personnel
- Easy access to system parameters and system status
- Self-sufficient operational system – can but does not have to be connected to home bus system
- Maintenance-free, robust and brushless DC motor

Benefits for users

- Exceptional range of functions and options to integrate numerous special functions
- Convenient operation
- Very smooth running – despite high traversing speeds, almost silent drive is attainable even with large, heavy elements
- Optional integration of sensors, buttons and home controls
- Easy access to system parameters and system status, if desired by the manufacturer

Do you have specific requirements? We will find a suitable solution for you – contact us!
High efficiency of our technology significantly reduces required energy consumption by up to 95%. At the same time, heat build-up is kept to minimum due to low power dissipation. This prevents excessive thermal load in frequently cramped installation areas.

By using highly efficient brushless direct current motors in combination with intelligent power control energy, resources are used responsibly and a significant contribution to reducing CO2 emission is ensured.

“We are committed to creating equilibrium between financial, social and ecological concerns in the manner of running our business.”

Stefan Böckler
Managing Director at Moog Memmingen GmbH