

# SEATING SYSTEMS



A DewertOkin Technology Brand

ONE STOP SHOP EXPERIENCE  
FOR SMART FURNITURE



- **HIGH QUALITY**
- **INNOVATION DRIVER**
- **DESIGN AND ENGINEERING IN GERMANY**
- **GLOBAL LEADER OF SEATING ACTUATOR AND MECHANISM SYSTEMS**



# OKIN PRODUCT OVERVIEW

## SYSTEM SOLUTIONS FOR SEATING APPLICATIONS

### One-stop shopping for intelligent furniture

With more than 20 years of experience in the furniture industry, DewertOkin is the world's leading manufacturer of drive and system technology for motorized seating applications. As a supplement to its established product portfolio, DewertOkin develops mechanicals systems for adjustable upholstered furniture with motorized back and foot sections under the brand name OKIN. This technology is available in manual and electrical (motorized) versions depending on the series.

Systems & solutions by DewertOkin guarantee a "one-stop shop" experience with numerous advantages. Because whether it's comfort chairs for the home or sophisticated cinema seats - DewertOkin supplies drives, controls, control elements and hardware technology from a single source.

### Wide range of functions

Mechanical components made by OKIN offer numerous smart functions with a true added value. The anti-entrapment system is a patented feature which will stop the closing movement of the mechanism in case of any dangerous situation and is easily assembled to existing applications. The occupancy sensor uses capacitive technology that determines whether a seat is occupied by a person or not. This information could be used for several applications like automatic activation

or deactivation, system wake up or sleep, and any other functions related to any connected device.

The Cinema seating control unit is an all-inclusive solution for the modern cinema working with one and two actuator applications. The cinema seats can be driven intuitively by the end user through a wireless local switch connected to the control unit to reach the desired position. Additionally, wireless remote mass opening and closing of all seats is possible to facilitate the staff's work before and after a show.

### Mechanical components and drive technology combined

In conjunction with DewertOkin drive technology, users receive powerful systems for modern adjustable upholstered furniture that meet even the highest demands. OKIN offers a wide product portfolio of individual drives - from the particularly compact MICRODRIVE 3 to the powerful DELTADRIVE with 6,000 Newton pressure force. A large selection of hand switches and operating elements ensures convenient operation. Due to wireless variants with integrated RF and Bluetooth connectivity, adjustable upholstered furniture can be controlled using radio hand transmitters, apps or voice control. Users can operate their furniture conveniently via smartphone or tablet.



Headrest



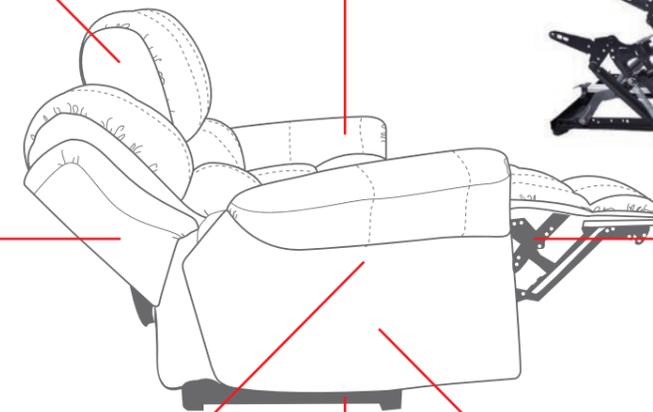
Multi-Function Cup Holder



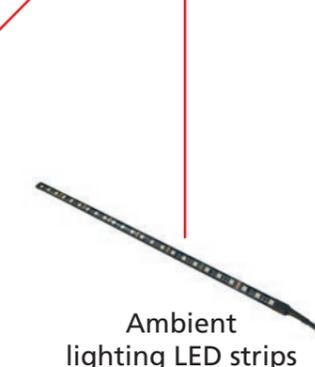
Split-type  
Headrest & Lumbar



Recliner



Control Switch



Ambient  
lighting LED strips



Recliner Actuator

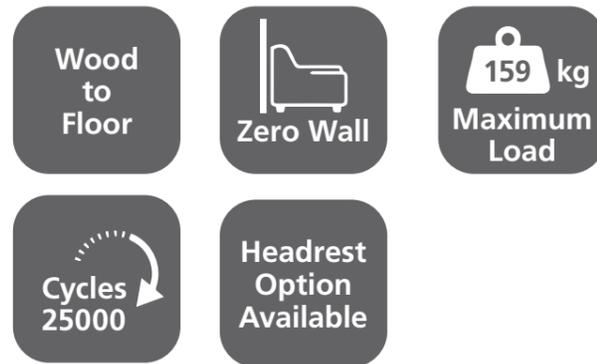
# WOOD TO FLOOR MECHANISM

PART#: 516D (POWER)

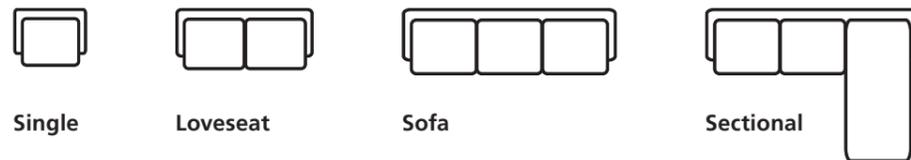


## Features and Benefits

1. Wood to Floor mechanism. Power Only.
2. Extend footrest with more reclining.
3. Applicable for High Leg recliners.
4. Available in different sizes.
5. Options for matching power headrest.
6. Safe footrest with no pinchpoints.



## Application



## Seat Width

Available seat width from 53,3 cm to 86,4 cm

# WOOD TO FLOOR MECHANISM

PART#: 516D (POWER)

## Options

### Headrest Mechanism 2316A

1. Fully integrated mechanism. Easy assembly.
2. Anti-Pinch Function.
3. Chromed Visible levers.
4. Fully Opening Height for Headrest: 5".
5. Available in different widths.
6. Suits contemporary designs.



## Configuration Reference

Part Des.	Spec.	Part#
Actuator	Recliner Recliner & Headrest	JLDQ.19B.495.344D JLDQ.19B.495.344Z
Actuator	Headrest	JLDQ.18.128.82F01
Switch	Ridge Family Series	JLDK.55.02.01 JLDK.55.05.01
Power Supply	100-240Vac/29Vdc2.0A	JLDP.10
Power Cable	2.5m	R5.504.01.250

### Recliner Only With USB



### Recliner & Headrest With USB & Home button



\* More control switch options and smart components are available in the following pages.

# ZERO-GRAVITY MECHANISM

PART#: 9011D

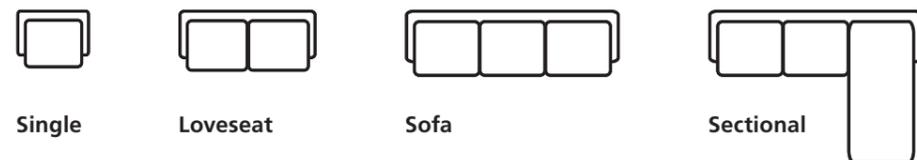


- Metal to the Floor**
- Zero Wall**
- Cycles 25000**
- 159 kg Maximum Load**
- Lumbar Option Available**
- Headrest Option Available**

## Features and Benefits

1. Zero-Gravity mechanism. High comfort position.
2. The seat will reach 23° opening, which allows the legs to reach the same level of the heart improving the relax feeling. The legs are higher than the head position after fully reclining, enhancing the blood flow back to the heart. Good for health.
3. Available in Power only.
4. Available in different sizes.

## Application



## Seat Width

Available seat width from 49,5 to 82,6 cm

# ZERO-GRAVITY MECHANISM

PART#: 9011D



## Options

### Power Headrest & Power Lumbar combination 2523B

1. More Options for your upholstered backs.
2. Motors are all centered in the backrest.
3. Heavy duty installation frame.
4. Available in different sizes.

## Configuration Reference

Part Des.	Spec.	Part#
Actuator	Recliner Recliner & Headrest Recliner & Headrest & Lumbar	JLDQ.18.139.328D JLDQ.18.139.328Z JLDQ.18.139.328S
Actuator	Headrest	JLDQ.14B.182.33F01
Actuator	Lumbar	JLDQ.14B.187.52F01
Control Switch	Infinite Family Series	JLDK.54.05.01 JLDK.54.07.01
Power Supply	100-240Vac/29Vdc2.0A	JLDP.10
Power Cable	2.5m	R5.504.01.250

### Recliner & Headrest With USB & Home button



### Recliner & Headrest & Lumbar With USB & Home button



\* More control switch options and smart components are available in the following pages.

# ACTUATOR JLDQ.18

 Lightweight

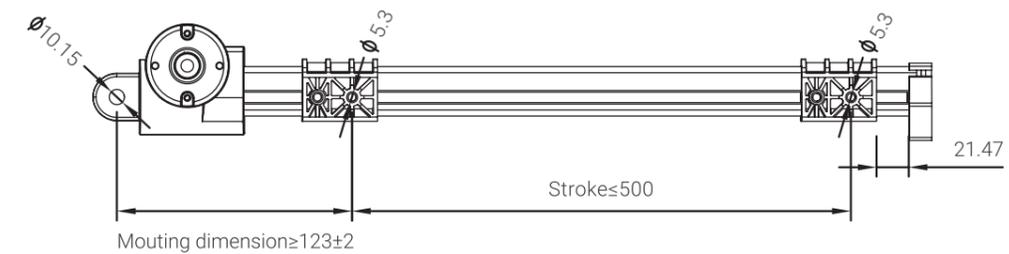
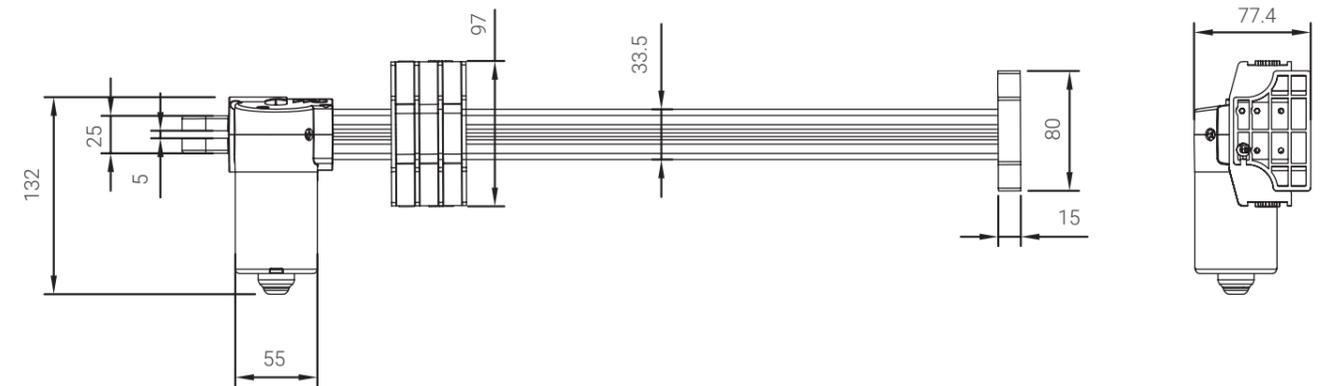
 Noiseless

 Economical

Extremely compact installation space, minimum size is 123mm

Economical design, cost-effective

Noiseless design, and comfortable



## Features and Benefits

- Appearance: black (PA), silver (aluminum type)
- Motor: Low voltage DC motor (29V)
- Operating frequency: 1 minute of work, 8 minutes of rest
- Stroke: 400mm max
- Installation size: 123 mm min
- Load: 3 000N max
- Speed: 42mm/sec max
- Stroke control: stroke is controlled by limit switch, error range  $\pm 2$ mm
- Suitable for: all kinds of lounge chairs and sofas.

# ACTUATOR JLDQ.20

 Mini

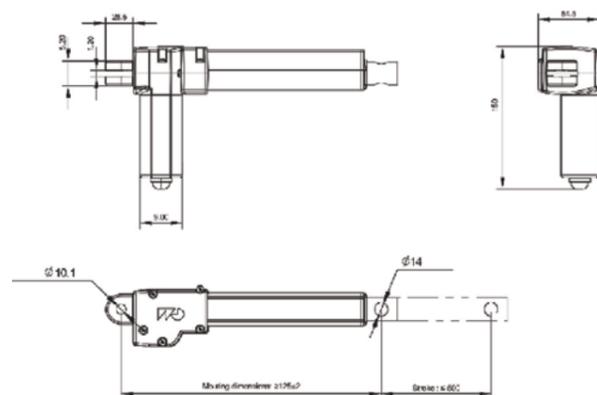
 Noiseless

 Economical



## Features and Benefits

- Appearance: black (PA), silver (aluminum type)
- Motor: Low voltage DC motor (29V)
- Operating frequency: 1 minute of work, 8 minutes of rest
- Stroke: 500mm max
- Load: 4000N (push) / 2000N(pull)
- Speed: 8mm/sec max
- Control of stroke: stroke is controlled by limit switch, error range  $\pm 2$ mm
- Suitable for all kinds of sofas and lounge chairs

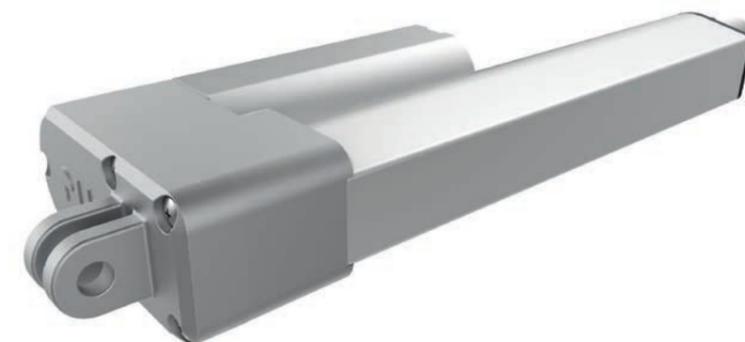


# ACTUATOR JLDQ.21

 Mini

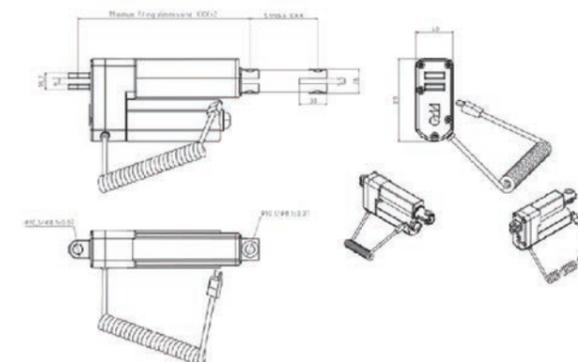
 Noiseless

 Economical



## Features and Benefits

- Appearance: silver (Zinc alloy), silver (aluminum type)
- Motor: Low voltage DC motor (29V)
- Operating frequency: 1 minute of work, 8 minutes of rest
- Stroke: 500mm max
- Load: 2500M max
- Speed: 32mm/sec max
- Control of stroke : stroke size is controlled by limit switch, error range  $\pm 2$ mm
- Suitable for all kinds of sofas and lounge chairs





Low Power Consumption on USB plug.

Stand-by consumption is less than 50µA.

## RIDGE FAMILY

NEW SWITCH



**JLDK.55.02.01**  
With USB



**JLDK.55.05.01**  
With USB & Home button



**JLDK.55.07.01**  
With USB & Home button & Lumbar

### Features and Benefits

- High quality design with neat appearance.
- Suitable for Recliners, headrests and lumbar.
- With Home Button.
- The cover is electroplated with wire brush effect.

## INFINITE FAMILY

NEW SWITCH



**JLDK.54.05.02**  
With USB & Home button



**JLOK.54.07.01**  
With USB & Home button

Low Power Consumption on USB plug.

Stand-by consumption is less than 50µA.



Backlight option

### Features and Benefits

- Suitable for Recliners, headrests and lumbar.
- With Home Button.
- Separated area for switch buttons and the USB plug.
- User-friendly.
- The cover is electroplated with wire brush effect.

# HANDSET HS. 13



Practicle

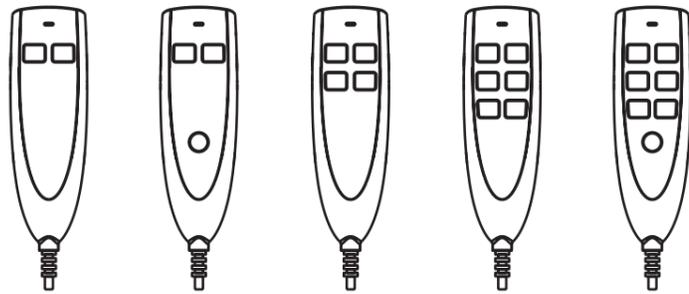


Economical

## Colors



## Family series



## Features and Benefits

- 7 buttons, controls 1-2 actuators
- Support flashlight function
- Different Hooks available

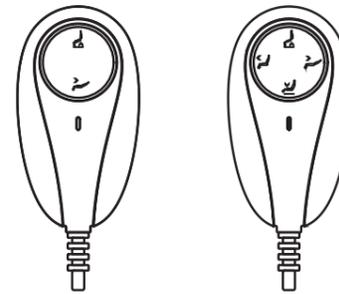
# HANDSET HS. 12

Compact

Economical



## Family series



## Features and Benefits

- 2/4 buttons, controls 1-2 actuators
- Compact and ergonomic design
- Multiple key combinations to meet different configuration requirements



# MULTI-FUNCTION CUP HOLDER



# SMART SOFA ARMREST

WIRELESS CHARGING & ELECTRIC OPEN



## DEWERTOKIN TECHNOLOGY GROUP CO., LTD



DewertOkin Technology Group Co., Ltd is located at Wang JiangJing Economic zone, JiaXing Zhejiang, China, which is an active area for business in the Yangtze River Delta. We maintain the brands OKIN and Dewert for the linear drives. They are widely used in smart furniture (such as motion upholstery, massage chairs, theatre seating, recliners and adjustable beds), medical applications (such as medical and nursing beds) and adjustable office desk control systems. We are a main partner for several major furniture factories. Our goal is to provide complete smart furniture solutions worldwide.



**OKIN**

A DewertOkin Technology Brand

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