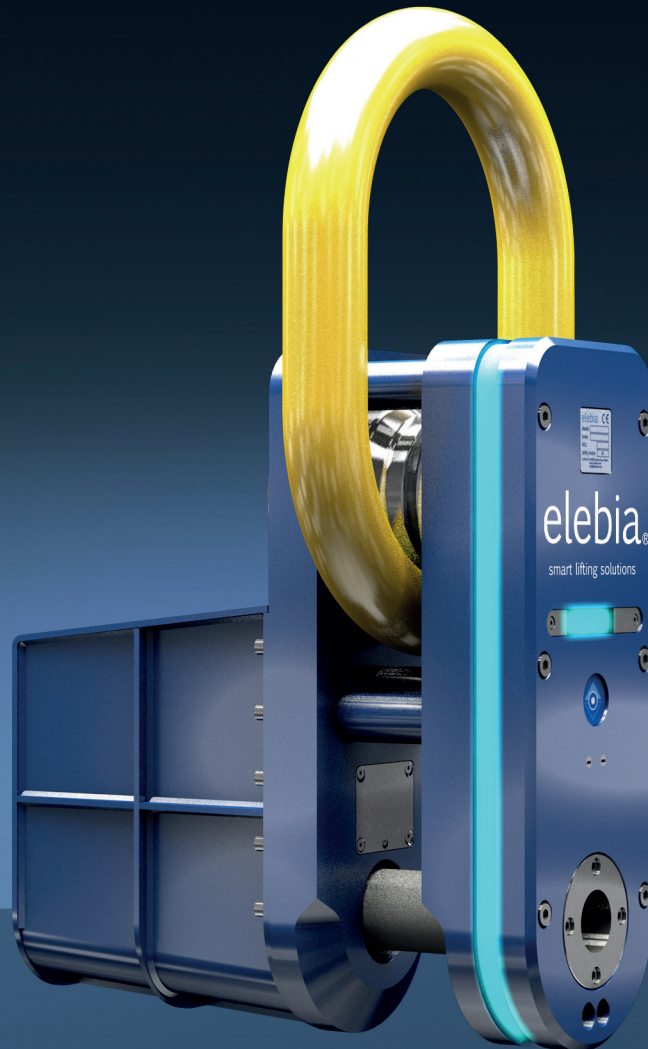


elebia[®]

smart lifting solutions



s40 Automatic Shackle

The elebia Automatic Shackle can remotely hook and release any load. Thanks to its geometry and innovative magnetic system, the S40 finds its position and connects to the load. This industrial shackle comes equipped with advanced safety and productivity features, ensuring reliable performance.

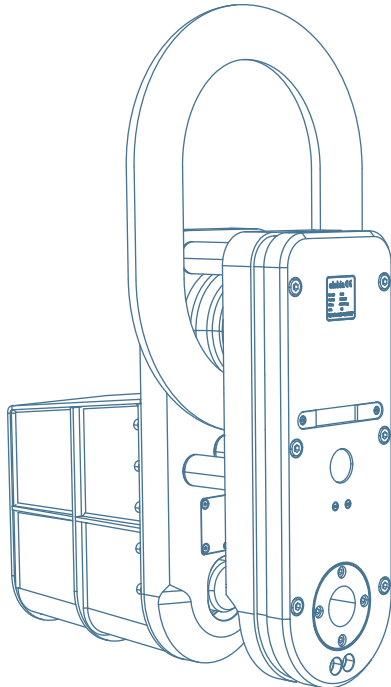
For more information visit us at www.elebia.com

Stevedore, windpower, steel mills, mining, aeronautics, nuclear, construction... No matter what your industry is **elebia will boost the safety and productivity of your cranes.**

Main Features of the S40 Automatic Shackle

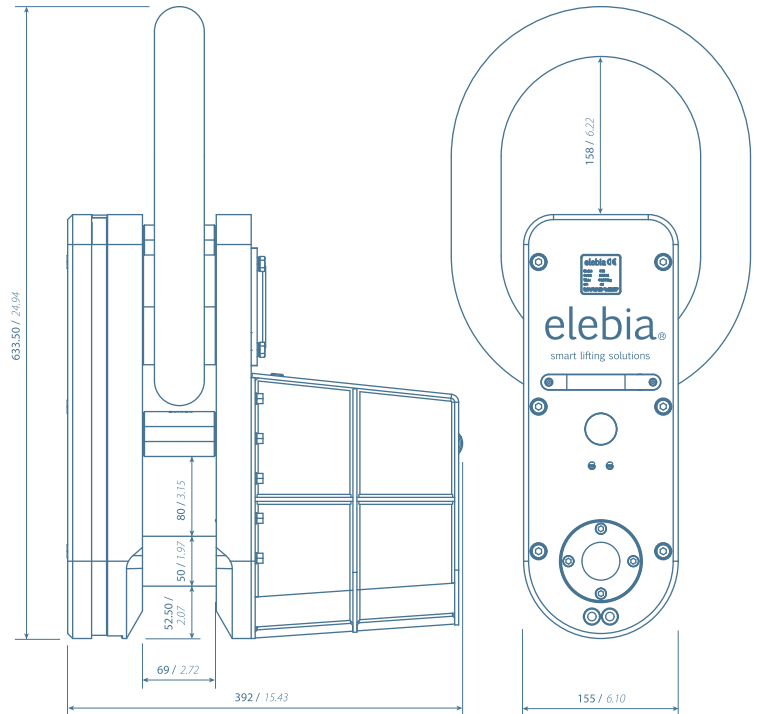
WORKING LOAD LIMIT 40,000 kg / 88,184 lbs

Weight: 81 kg / 179 lbs



- **Masterlink**
Can be customized
- **Battery powered**
- **Sweet spot indicator**
The "sweet spot" indicates, using LEDs, the precise moment to release the load. If the position is not correct (load suspended or S40 resting on the load), the S40 will not attempt to open, and a slight height adjustment will be needed to regain this ideal point.
- **High Brightness LED Status Indicator**
The S40 carries a High-Brightness LED status indicator, an additional safety measure which shows the status at all times with a bright 4 colour-code scheme visible from the operator's position.
- **Autoclose**
- Ready to be upgraded with a weighing scale*

* This feature is optional



Remote Control



- | Display Information
- | Open Button
- | Close Button



Power Supply	1x 3V lithium battery (CR2032)
Detection of Errors in Transmission	2 CRC bytes + Forward Error Correction
Buttons	2
Frequency Selection	5
Frequencies	868 MHz / 924.1 MHz
Communication	Bi-directional return of receiver battery status
Radiated Power	under 5dBm
Antenna	Printed circuit
Range	100 metres / 330 feet
Working Temperature	-20 °C to 85 °C / -4 °F to 185 °F
Dimensions	Minitel box (68 x 52 x 17 mm / 2.68 x 2.05 x 0.67 inches)

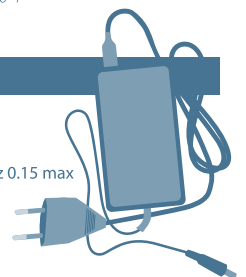
Battery - High capacity: 3 hour charge - 5,000 cycles / 250 hours in standby mode

Led Charge Indicator	Rechargeable Li-Ion
ON/OFF	25.2 V DC
Technology	22.2 V DC
Maximum Voltage	2.6 Ah / 56.16 Wh
Nominal Voltage	Charge, Discharge, Overvoltage
Nominal Capacity	7.8 A for 1 second (idle 5s)
Protection Circuit	Thermal 70 °C / 158 °F
Maximum Discharge Current	Display ON 4 LED (25%-50%-75%-100%)
Heat Protection	0 °C to 45 °C / 32 °F to 113 °F
Charge Indicator	-20 °C to 50 °C / -4 °F to 122 °F
Temperature (Charge)	-20 °C to 60 °C / -4 °F to 140 °F
Temperature (Discharge)	400 g aprox / 14.10 oz
Temperature (Idle)	
Weight	



220V Charger / 24V Charger

Specifications	Technical specifications
Input voltage	100V - 240V 50Hz - 60Hz 0.15 max
Output	25.2V / 1A
Charge indicator	Yes, by red LED
Charge complete indicator	Yes, by green LED



Regulatory Standards

- EN 10204 3.1.B	- D89/391/EEC	- Directive on Machine Safety (D2006/42/EC)
- UNE-EN 1050	- D89/654/EEC	- EMC Directive (2014/30/EU)
- UNE-EN 60204-1:2007	- D89/655/EEC	- Radio Equipment Directive (2014/53/EU)
- UNE-EN 61000-6-4:2007	- D89/656/EEC	- Low Voltage Directive (2014/35/EU)
- UNE-EN 61000-6-2:2006	- D92/58/EEC 9a	- Assurance of Production Quality in accordance with ISO9001.
- UNE-EN ISO12100:2012		- ARIB Construction Design Certification Number 203-JN0689.
- UN 38.3		- FCC Identifier 2ACLHEVO for Equipment Class: Digital Transmission System.

