

Electronic SwingBolt Lock RotoBolt® EM20-20



VdS Class 2, EN1300 Class B, UL Listed, IMP Class 2 and DNV certified

RotoBolt® EM20-20

Is compatible with following dials from NL Lock range



AL20-20
Alpha1 series



AL30-20
Alpha2 series



BR50-10
Bravo series



ST40-15
EuroLine Modular Series



EK50-40
EuroClass series



EK50-70
EuroClass series



EC10-40
EuroLine series



EC10-70
EuroLine series

• DATA SHEET

Mechanics

Opening	Half automatic
Locking	Automatic
Blocking element	Motor
Mounting dimensions	Standard

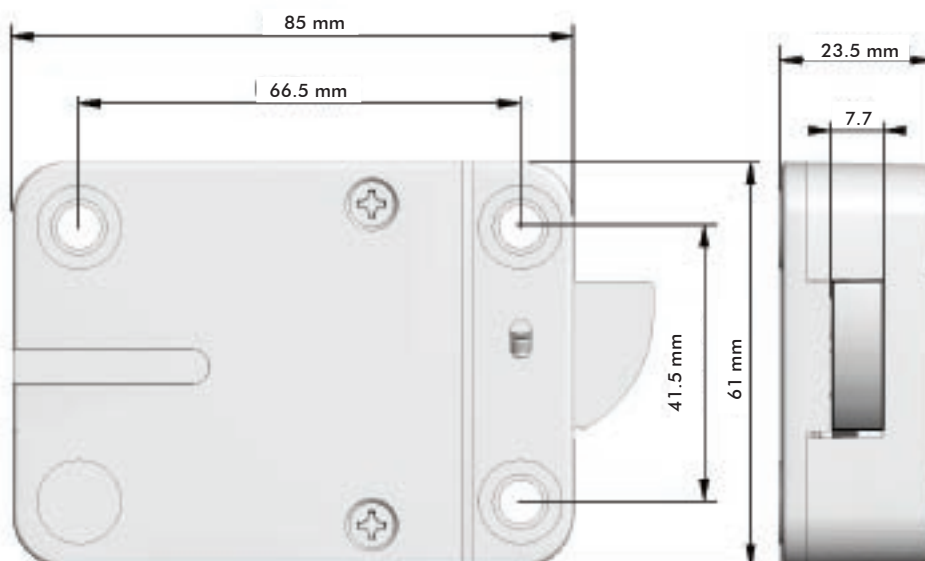
Electronics

Power supply	9V Alkaline battery
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Certifications

EN1300	Class B
VdS	Class 2
UL	Listed
IMP	Class B
DNV	Listed

The RotoBolt lock can be mounted in all four mounting directions (RH, LH, VU, VD). Further, by flipping the lock, both blocking directions can be realized. The mounting dimensions are standard. The lock is delivered with metric (M6) mounting screws as well as US 1/4 – 20 screws. The Electronics feature a 6-digit Main code that can be changed by the user. With the main code a secondary code can be activated and deleted. RotoBolt is available with various "intelligence levels"- software. If a valid code has been entered, the lock electronic removes the blocking for 3 seconds and the boltwork can be moved into OPEN position. When moving the boltwork into LOCKED position the RotoBolt secures automatically. Battery consumption is significantly lower comparing with solenoid locks.



Electronic SwingBolt Locks have been around since 1980s and have not changed at all in their design until Nick Gartner (designer of the first swing bolt lock) saw about it. Nick is the only one still breathing "fresh air" into the high security locks industry demonstrating that even ingenious locking solutions, such as the swing bolt lock, can be further improved.

The biggest and most important difference is that Nick gave up on solenoid as a blocking element and has introduced a motor instead. That change resulted in significantly lower battery consumption and even higher product reliability than we already are used to when it comes to swing bolt locks.

In combination with AL20-20 Alpha1 Electronic Entry (Figure 1) makes RotoBolt an ultimate locking device that hardly can be beaten by its "rivals".

Let's motivate such a pretentious and high-sounding statement:

1. Every key of the "soft touch"-keypad is angled so the lettering of the key is readable even if looking from above. When installing onto "low" safes there will be no need to "lie" beside the safe in order to enter the code.
2. Extremely durable rubber "soft touch" keys are adapted for frequent openings. Noticeable longer life comparing with entry units with open membrane.
3. The integrated battery compartment in the bottom of the Alpha entry unit opens easily by moving a slider. No extra tools like screwdriver needed in order to open battery compartment (Figure 2).
4. Easy mounting by snapping the unit on the mounting screws

Figure 1



AL20-20
Alpha 1

Figure 2



NL Lock is introducing unique "Keypad Check" function:

On all NL Lock software's we have integrated a keypad check function. This function makes it possible to ascertain if the keypad is working properly. Up to now it has been more or less impossible to tell if a keypad is bad or if end user has forgotten/jumbled up the numbers when a lock is refusing to open. The process is really simple.

Press and hold 5 until red LED stays on.

Now press every button in sequence: 1 2 3 4 5 6 7 8 9 0.

Every number pressed will be acknowledged by a short beep and red LED will stay on until last number is pressed. If any of the buttons are faulty (i.e. not creating the electronic signature that the lock associates with that particular button) this will be indicated by an easily recognized long beep and LED will go out. This process, which can be made by end user after phone instructions, will let you know if the keypad is bad and need replacing or if the code has been lost somehow at end user.



is a Swedish company with more than 30 years of experience in high-security locks business. During that period KG Group (former La Gard Scandinavia) has successfully established itself as a reliable supplier of mechanical key and combination locks, high-security electronic locks and sophisticated locking solutions for securing cash in transit. We are proud to be a provider to major manufacturers of safes, ATM machines, vaults and other value storage units.



• KG Group, Stockholm, Sweden

Under the leadership of founder and CEO of the company, Mr. Kurt Y. Lönnqvist, we have grown from the distributor status to, by VdS according to ISO9001 standard, certified manufacturer. To our valued customers we are offering concept solutions based on customers actual requirements, and if necessary, consulting, installation, service and maintenance of locks. New software and advanced electronics claims greater knowledge and continuous competence improvement of our crew in order to satisfy customer's needs and wishes.



• Kurt Y. Lönnqvist, CEO, KG Group

Company policy

KG Group is committed to understand, define and meet the quality needs and expectations of all our customers. It is our philosophy that quality has to be an integral part of each phase and every segment irrespective of if it's manufacturing, sales or a service, culminating in a long term with high product reliability. Our products shall be of agreed quality both in terms of a function and finish. Our deliveries shall be made on time and the quality and quantity supplied shall be in accordance with all agreed standards and specifications.

Our vision

- To have only satisfied customers
- To always be at the front of what actual technology can bring within our field of activity
- To maintain and improve company's reputation
- Simplification, effectivisation and improvement on every field
- To keep integrity, honesty and sincerity as highest moral standards

KG Group believes that our customers deserve only the best of care.

Let us take full responsibility.



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