

**// New: RotaMatic Hinged Gate Operator**



# Entrance Gate Operators

Greater comfort and convenience for hinged and sliding gates





# Delight in the Convenience

and reassuring safety of Hörmann entrance gate operators

Unless your entrance gate is equipped with a remote-controlled operator, it is neither convenient nor safe. So what are you waiting for? Of course, not any old operator will do - it has to be a quality product that you can rely on each and every day; for your new entrance gate or for retrofitting to an existing hinged or sliding gate system.



“I'm absolutely delighted! At last, I no longer have to get out of the car in the street, so it makes no difference whether it's raining or I'm returning home late at night.”



#### **Treat your garage to a Hörmann operator too**

Then everything is compatible and of the same high quality. You can open both the gate and garage door using the one remote control and turn out of the flowing traffic straight onto your driveway and into the garage. It couldn't be more convenient and safe.

With the hand transmitter you can operate your entrance gate and, for example, also the garage door and outdoor lighting (separate Hörmann receiver required).

\* Guarantee terms, specifications and further information on Hörmann products are available on the Internet at [www.hoermann.com](http://www.hoermann.com).





# Elegant and Super-quiet

The new RotaMatic hinged gate operator

Thanks to its modern, slimline design, Hörmann's RotaMatic hinged gate operator is the perfect partner for your beautiful hinged gate. Just like the design, the functional and safety features are exemplary. On opening the gate starts jolt-free. On closing it decelerates gently and so quietly that even in the dead of night no-one is disturbed. And for your safety: on encountering an obstruction, the gate stops immediately and travels a short distance in the opposite direction.

## RotaMatic Hinged Gate Operator



### Application range

**Gate leaf width**

Type DTA-N from 1000 to 2500 mm

**Infill**

max. 70% (wind pressure)

**Gate leaf height**

up to max. 2000 mm

**CLOSE stop**

Not needed on site  
recommended from 1500 mm  
leaf width

**Weight**

up to max. 220 kg per gate leaf

**Driveway on an incline**

Special fitting  
for inclines up to max. 6°

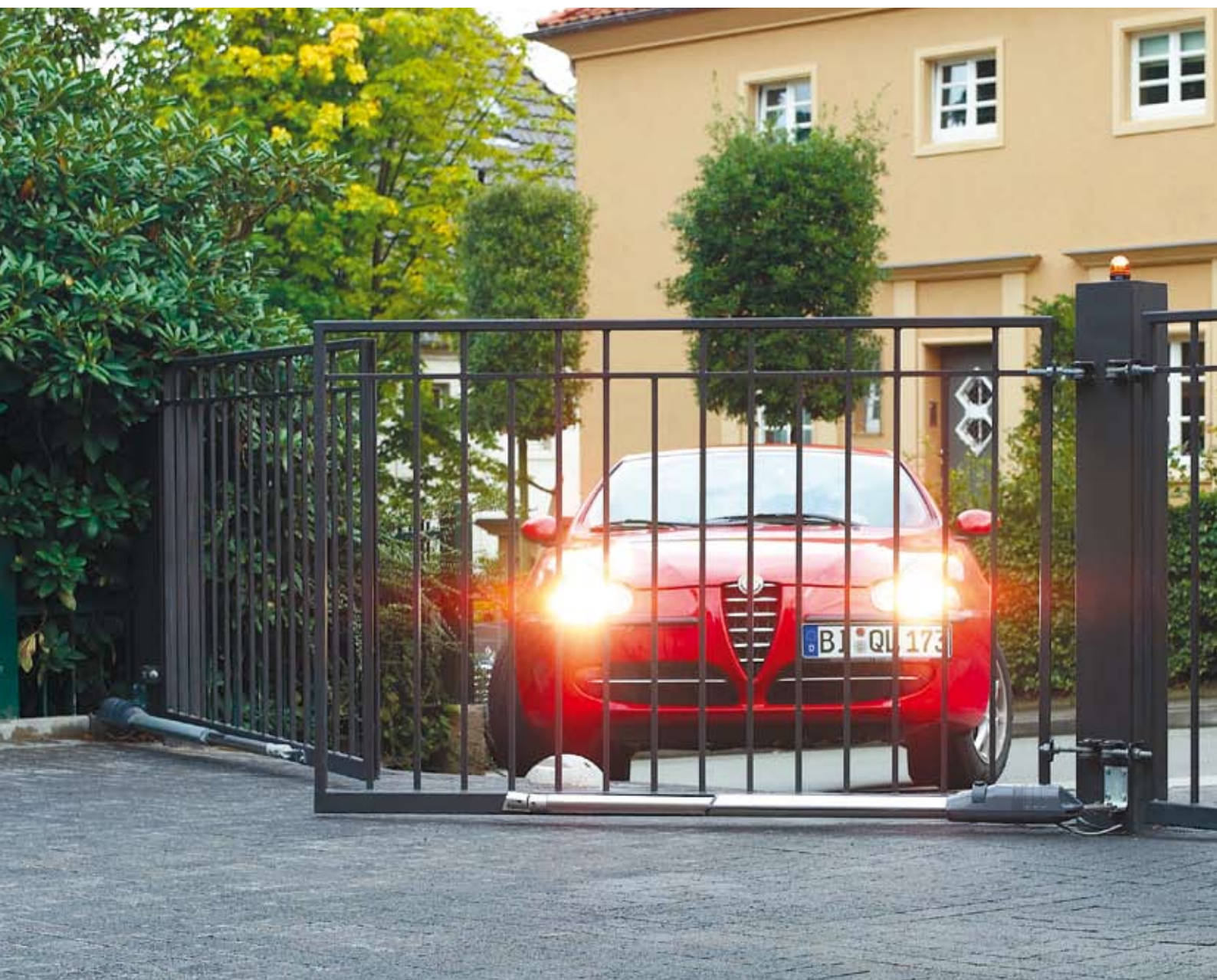
### Functions

- Synchronised opening of the gate leaves which are normally of equal width (standard setting)
- Opening of only one gate leaf as a pedestrian leaf
- Automatic run-in to close the gate after 60 seconds (photocell required)
- Control unit prepared for signal light and outdoor lighting
- Easy connection of additional safety devices, e.g. closing edge safety device, through-traffic photocell
- Reversing on encountering obstructions: up to the OPEN end-of-travel position or partial reversing (adjustable)
- Easy-to-operate emergency release  
Further deluxe accessories on pages 10-12
- Integral 2-channel radio receiver
- The optional integral heating makes the RotaMatic also suitable for colder regions

The 4-button hand transmitter is a standard feature. With it you can operate not only the hinged gate but also your garage door and, for instance, the outdoor lighting (additional receiver required).





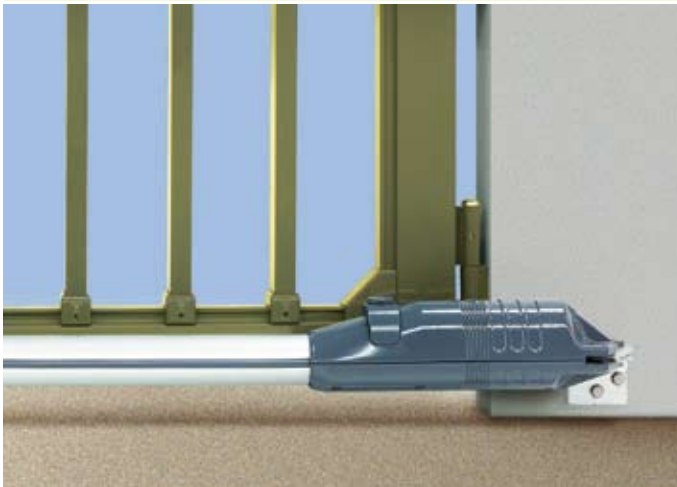


# The Operator for Wide Hinged Gates

## DTA Hinged Gate Operator

The DTA hinged gate operator is especially suitable for wide and heavy hinged gates. Thanks to its construction it can open gate leaves up to 4,000 mm wide easily, quietly and reliably.

## DTA Hinged Gate Operator



### Application range

#### Gate leaf width

Type DTA-N from 1000 to 2500 mm  
Type DTA-L from 1500 to 4000 mm

#### Gate leaf height

up to max. 2000 mm

#### Weight

up to max. 400 kg per gate leaf

#### Infill

max. 70 % (wind pressure)

#### CLOSE stop

Required on site to provide the gate with a solid end-of-travel stop

#### Driveway on an incline

Special fitting in stainless steel for inclines up to a max. of 9°

### Functions

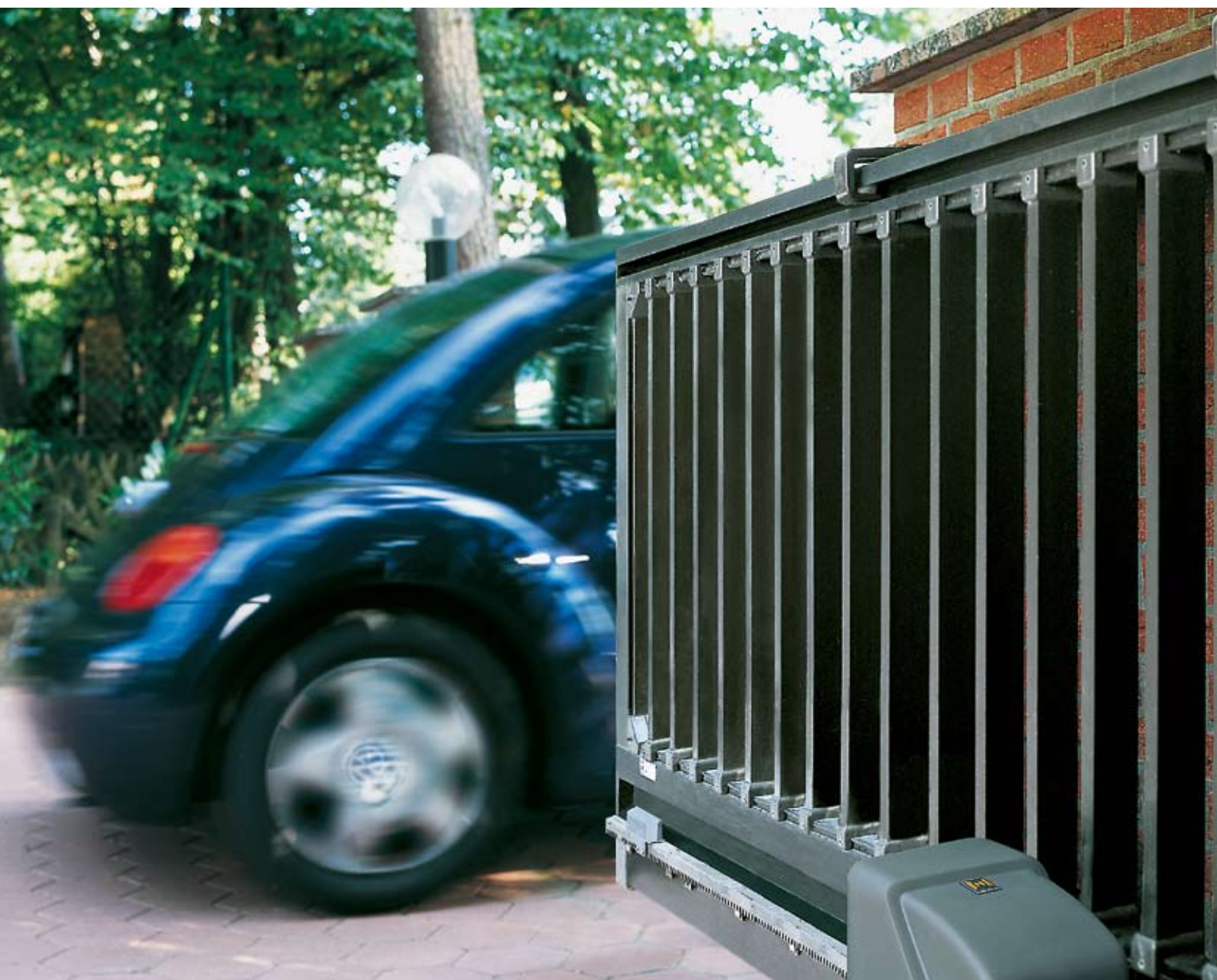
- Synchronised opening of the gate leaves which are normally of equal width (standard setting)
- Opening of gate leaves of unequal width with a narrow leaf for pedestrians
- Opening of one gate leaf only for pedestrians, e.g. for the postman or woman (Receiver HE 2 or further control elements are required)
- Individual time setting for closing the gate using an automatic timer. (photocell required).
- Control unit prepared for signal light and outdoor lighting
- Easy connection of additional safety devices, e.g. closing edge safety device
- Easy-to-operate emergency release  
Further deluxe accessories on pages 10-12



### Permanently safe and reliable function

That's why the entire fixings are galvanized and as a result permanently weather-resistant. Hörmann entrance gate operators do not need to be oiled, greased or lubricated.





# Opens Your Sliding Gate Reliably

## STA Sliding Gate Operator

The Hörmann STA Sliding Gate Operator is characterised by its compact, robust housing in aluminium and plastic and its reliable operator electronics. Further benefits of the operator concept are the extremely sturdy, height-adjustable ground bracket and the adaptable toothed rack which can be easily matched to your gate construction. Everything is of course weatherproof: no need to oil, grease or lubricate.



## STA Sliding Gate Operator



### Application range

#### Gate leaf width

up to max. 6000 mm

#### Gate leaf height

up to max. 2000 mm

#### Weight

up to max. 500 kg

#### Stop

Required on site to provide the gate with a solid end-of-travel stop

#### Operator installation

Left-hand or right-hand installation possible

### Functions

- Partial opening of the gate by 1.5 m to allow the passage of pedestrians
- Individual time setting for closing the gate using an automatic timer (photocell required)
- Control unit prepared for signal light and outdoor lighting
- Easy connection of additional safety devices, e.g. closing edge safety device
- Easy-to-operate emergency release  
Further deluxe accessories on pages 8-10



Besides operating the sliding gate and your garage doors, you can use the 4-button hand transmitter (standard feature) to activate other connections by radio signal, such as the outdoor lighting. (additional receiver required)

### Quiet, safe operation

The gate opens without a jolt and is gently braked before closing. If the gate encounters an obstruction, it immediately stops and travels a short distance in the opposite direction to clear the obstruction.

### Manual opening and closing

In the event of a power failure, you can easily unlock the gate using the emergency release key. The gate can then be opened and closed manually.



# Sit Back and Make Yourself Comfortable

with the Hörmann deluxe accessories

A radio-controlled 4-button hand transmitter is included as a standard feature. To accommodate your individual needs, Hörmann offers you a broad range of high-quality, stylishly designed accessories. Your Hörmann specialist dealer will be happy to advise you.





#### Hand transmitter

You can't have enough of them! A 4-button hand transmitter with holder comes with the operator. Further hand transmitters, e.g. a 4-button mini or 2-button micro hand transmitter, are available as optional extras.



#### 4-button

mini hand transmitter with key-ring



#### 2-button

micro hand transmitter with key-ring



#### Receiver

If you want to switch on an additional outdoor light and, for instance, open a garage door (non-Hörmann make) with your hand transmitter, you require a receiver with 1, 2 or 4 channels.

#### Key switch

As a flush or surface-mounted version, each with three keys.



#### Transponder key switch

You simply hold the coded transponder key approx. 2 cm in front of the reader. Two keys are included, further keys are available on request.



#### Digital coder with illuminated buttons

You simply enter your own personal combination code. With the deluxe version CTR 3b you can open/close a second door or gate as well as switch on the outdoor lighting. (Additional receiver required).



#### Code modulator with illuminated buttons

Hörmann code modulators are available in two versions with ten or three possible functions. They are easy to install because no cable needs to be laid.

The FCT 10b with ten functions features a weather-resistant membrane keypad.

The FCT 3b, with three functions comes with a flap lid to protect it against dirt.

With the additional functions of both code modulators you can, for example, also operate the entrance gate or your outdoor lighting in addition to the garage door (Additional receiver required).



#### Easy transfer of the code from one hand transmitter to the other

Your personal security code can be easily transferred to other hand transmitters to ensure that all the members of your family gain access to your garage. Only Hörmann makes it this easy!



#### **The signal light**

For safety reasons you should opt for a signal light, so everyone can see when the gate is moving - whether during the day or at night.



#### **Photocell**

Both vehicles and pedestrians are immediately detected. Nothing can collide. Either the entrance gate doesn't start moving in the first place or it stops instantly and travels a short distance in the opposite direction. The photocell is important if the gate is set to close automatically after opening (automatic timer).



#### **Electric locks**

From a certain size / wind pressure, hinged gates require an electric lock. Single-leaf hinged gates are equipped with a post or ground lock, 2-leaf gates always with a ground lock.

#### **Stop plate**

Where hinged gates are equipped with a ground lock, the ground lock's stop plate ensures secure locking.

## Accessories for Your Safety and Security

We will be happy to advise you



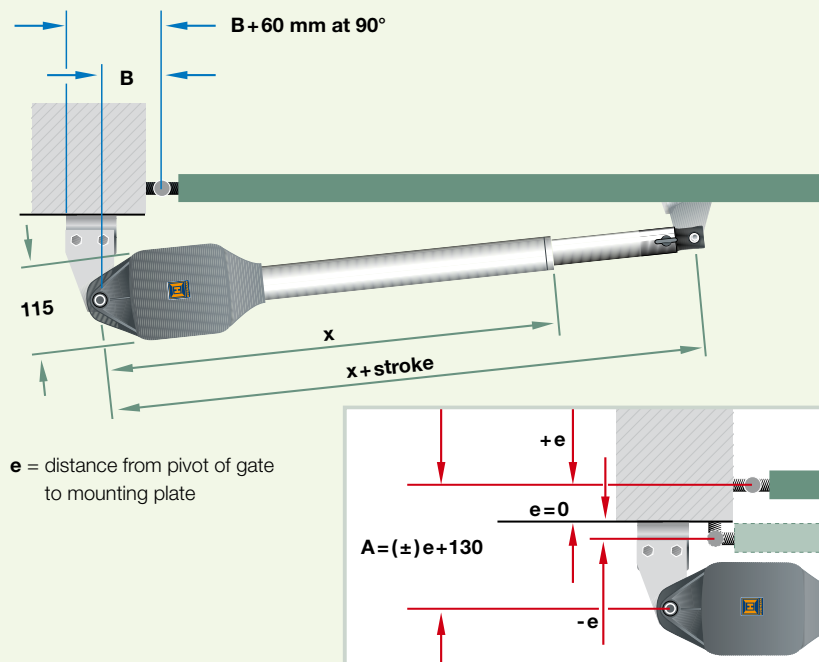
#### **Closing edge safety device**

The slightest contact of the closing edge brings the moving gate to an immediate halt.



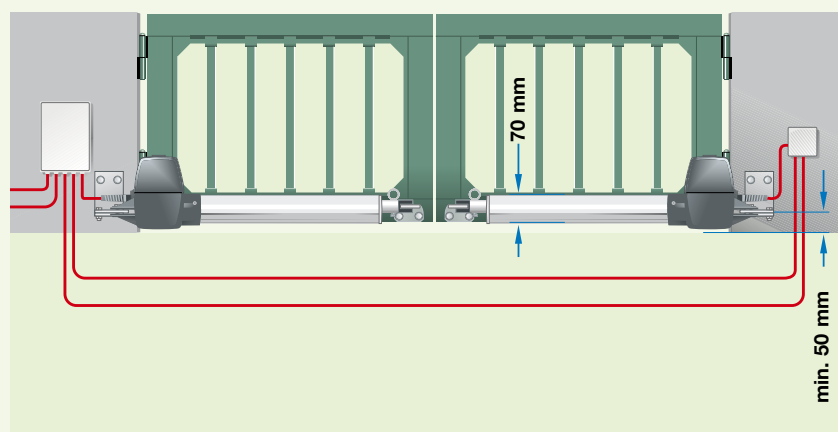
# RotaMatic Hinged Gate Operator

## Fitting Details



Dimensions (mm)	x	x + stroke	e
RotaMatic	720	1120	-30 up to +150

Distance from pivot of gate to pivot of operator (B)	Max. opening angle ( $\alpha$ ) given max. distance of gate's pivot to mounting plate (e max.)	
100 mm	$\alpha = 95^\circ$	e max. = 30 mm
110 mm	$\alpha = 100^\circ$	e max. = 10 mm
120 mm	$\alpha = 105^\circ$	e max. = -10 mm
130 mm	$\alpha = 110^\circ$	e max. = -30 mm
140 mm	$\alpha = 115^\circ$	e max. = -30 mm
150 mm	$\alpha = 118^\circ$	e max. = -30 mm
160 mm	$\alpha = 120^\circ$	e max. = -30 mm
170 mm	$\alpha = 122^\circ$	e max. = -30 mm
180 mm	$\alpha = 125^\circ$	e max. = -30 mm



You will find comprehensive fitting details on the Internet at:  
[www.hoermann.com](http://www.hoermann.com)

### Technical Data

#### Power supply

220 - 240 V AC, 50 Hz

#### Control system

Microprocessor control system with DIP-switches, control voltage 24 V, protection category IP 65

#### Operating mode

S2, short-time duty 4 minutes

#### Peak force

2200 N

#### Travel cut-out

CLOSE: electronically or mechanically adjustable  
 OPEN: electronically adjustable

#### Automatic cut-out

Force limit for both operational directions, self-programming and self-monitoring

#### Gate speed

Depending on the gate width 16 to 25 sec. with a  $90^\circ$  opening angle

#### Automatic timer

After 60 seconds (photocell required)

#### Gate locking

Electric lock for wall post and ground locking, required from a leaf width exceeding 1500 mm

#### Gate release

By eye bolt on the operator

#### Motor

Spindle unit with 24 V DC motor and self-locking worm gears

#### Operator housing

Fibreglass-reinforced polyamide, protection category IP 44

#### Remote radio control

4-button hand transmitter included in the supply package  
 Frequency: 868.3 MHz

#### Rising hinges

max.  $6^\circ$

#### Power supply

230V 50 Hz, NYY 3x1.5<sup>2</sup> (on site)

#### Motor cable

Connection cable for 24 V DC operator  
 NYY 5 x 1.5<sup>2</sup> (on site)

#### Cable for electric lock

24 V AC/DC (on site), In the ground: NYY 3 x 1.5<sup>2</sup>  
 On the leaf: H07RN-F 2 x 1<sup>2</sup>

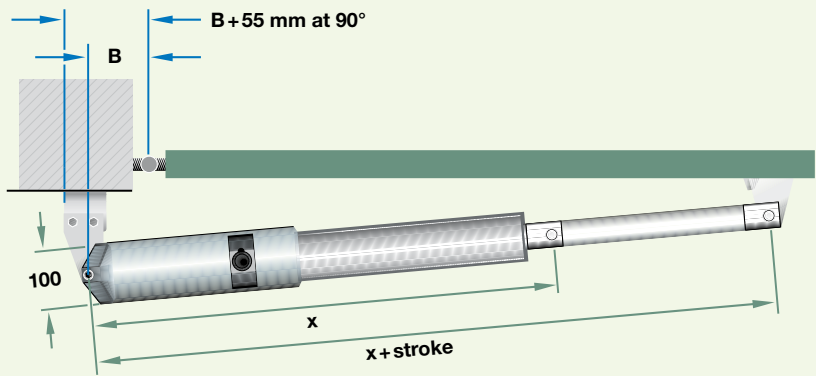
#### Additional control cables

for internal buttons such as push button or key switch, e.g. NYY 5 x 1.5<sup>2</sup>

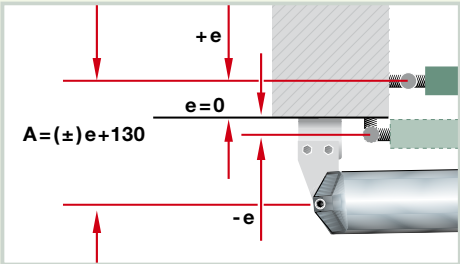
Lay all cables separately!

# DTA Hinged Gate Operator

## Fitting Details

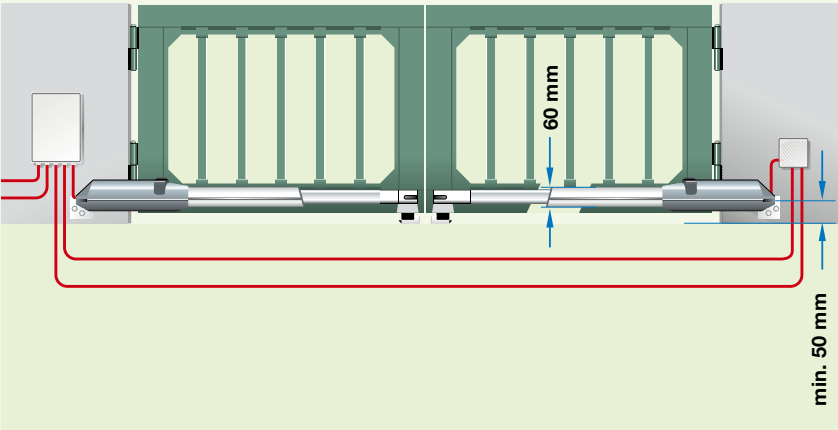


e = distance from pivot of gate to mounting plate



Dimensions (mm)	x	x + stroke	e
DTA-N	750	1030	-20 up to +40
DTA-L	992	1492	-20 up to +200

Distance from pivot of gate to pivot of operator (B)	Max. opening angle (α) given max. distance of gate's pivot to mounting plate (e max.)	e max.
100 mm	α = 90°	e max. = 200 mm
110 mm	α = 100°	e max. = 200 mm
120 mm	α = 105°	e max. = 200 mm
130 mm	α = 110°	e max. = 120 mm
140 mm	α = 115°	e max. = 60 mm
150 mm	α = 120°	e max. = 40 mm
160 mm	α = 125°	e max. = 20 mm



### Technical Data

#### Power supply

220 - 240 V AC, 50 Hz

#### Output

0.25 KW

#### Control system

Microprocessor control unit with two 7-segment displays, 24 V control voltage, protection category IP 65

#### Operating mode

S2, short-time duty 4 minutes

#### Peak force

1500 N

#### Travel cut-out

Electronic, individually programmable CLOSE limit stop required

#### Automatic cut-out

Force limit for both operational directions, self-programming and self-monitoring

#### Gate speed

Depending on the gate width 16 to 32 sec. with a 90° opening angle

#### Automatic timer

Individually adjustable (photocell required)

#### Gate locking

Electric lock for wall post and ground locking, required from a leaf width exceeding 2000 mm

#### Gate release

on the operator, by means of a lock

#### Motor

Spindle unit with 24 V DC motor and self-locking worm gears

#### Operator housing

Aluminium, painted, protection category IP 44

#### Remote radio control

4-button hand transmitter included in the supply package  
Frequency: 868.3 MHz

#### Rising hinges

max. 9°

#### Power supply

230V 50 Hz, NYY 3x1.5<sup>2</sup> (on site)

#### Motor cable

Connection cable for 24 V DC operator  
up to 15 m: NYY 5x1.5<sup>2</sup>  
up to 30 m: NYY 5x2.5<sup>2</sup>

#### Cable for electric lock

24 V AC/DC (on site), In the ground: NYY 3 x 1.5<sup>2</sup>  
On the leaf: H07RN-F 2 x 1<sup>2</sup>

#### Additional control cables

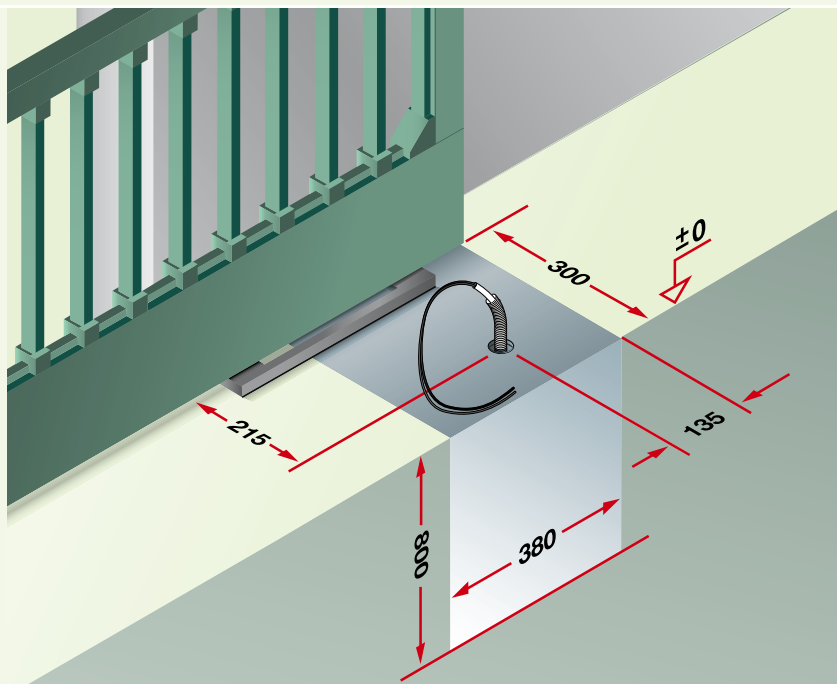
for internal buttons such as push button or key switch, e.g. NYY 5 x 1.5<sup>2</sup>

Lay all cables separately!

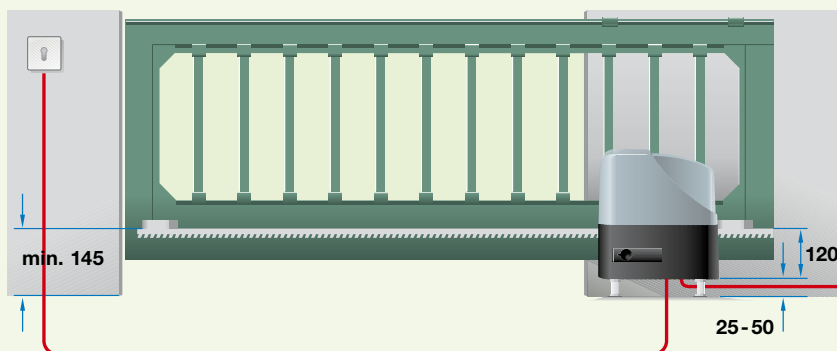


# STA Sliding Gate Operator

## Fitting Details



<b>Foundation dimensions</b>	380 x 300 x 800 mm (frost-proof)
<b>Feeder cable</b>	For position of empty conduit, see figure



<b>Power supply</b>	230V 50 Hz, NYY 3 x 1.5 <sup>2</sup> (on site)
<b>Control cable</b>	e.g. for push button or key switch, NYY 5 x 1.5 <sup>2</sup> (on site)
<b>Additional control cables</b>	e.g. for internal buttons (on site)
<b>Lay all cables separately!</b>	

You will find comprehensive fitting details on the Internet at:  
[www.hoermann.com](http://www.hoermann.com)

### Technical Data

#### Power supply

220 - 240 V AC, 50 Hz

#### Output

0.25 kW

#### Control System

Microprocessor control unit with 7-segment display, control voltage 24 V

#### Operating mode

S2, short-time duty 4 minutes

#### Peak force

1500 N

#### Travel cut-out

Electronically programmable with mechanical limit switches

#### Automatic cut-out

Force limit for both operational directions self-programming and self-monitoring

#### Gate speed

approx. 0.18 m/sec.

#### Automatic timer

Individually adjustable (photocell required)

#### Gate release

on the operator, by means of a lock

#### Motor

24 V DC motor, with self-locking worm gears and straight toothed driver pinion (VS)

#### Operator/control unit housing

Sturdy aluminium/plastic ground bracket, protection category IP 54

#### Remote radio control

4-button hand transmitter included in the supply package  
Frequency: 868.3 MHz

# Hörmann: Quality without Compromise



Hörmann KG Amshausen



Hörmann KG Antriebstechnik



Hörmann KG Brandis



Hörmann KG Brockhagen



Hörmann KG Dissen



Hörmann KG Eckelhausen



Hörmann KG Freisen



Hörmann KG Ichtershausen



Hörmann KG Werne



Hörmann Genk NV, Belgium



Hörmann Beijing, China



Hörmann Inc. Vonore TN, USA

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source.

We manufacture in highly-specialized factories using the latest production technologies.

The close-meshed network of sales and service companies throughout Europe, and activities in the USA and China, make Hörmann your strong partner for first-class building products, offering "Quality without Compromise".

## GARAGE DOORS

## OPERATORS

## INDUSTRIAL DOORS

## LOADING EQUIPMENT

## HINGED DOORS

## DOOR FRAMES