

CHAMBERLAIN™

# LiftMaster™

PROFESSIONAL

## Residential Garage Door Opener Systems Product Catalog



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PROFESSIONAL

[www.liftmaster.eu](http://www.liftmaster.eu)



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# LiftMaster™

PROFESSIONAL

As the world's largest manufacturer of garage door openers, we supply **high quality products** with an enormous wealth of experience. We have a wide range of solutions for a variety of garages **all over the world.**

We place great emphasis on **quality, innovative technology and comprehensive service** not only to meet the expectations of our customers but to exceed them as well.

Garage door drives are equipped with automatic power detection, easy to programme limit switches, rolling code technology, an energy-saving transformer, quick-connect wire terminals, control with diagnostics, 1 light 230V/40W with 2.5 minutes light delay (other settings available), antenna, connectors for flap door and indicator light.

**These properties are a guarantee for comfort even during installation.**

**LiftMaster Garage Door Openers for the specialist offer reliable solutions, security and long life.**

All garage door drives can be combined with different rails, so you choose the appropriate solution from a wide range, whether chain or belt, whether standard length or up to 5 m. All rails are made of steel in a C profile and are 30 mm high.

#### Service & contact:

We'll be glad to answer your queries and consider your suggestions any time. Call phone no. **+49 (0) 6838 90 71 72** or send an email to **info@liftmaster.de**. The service team in Saarwellingen look forward to your call.

Chamberlain GmbH  
Alfred-Nobel-Straße 4  
D-66793 Saarwellingen



# LiftMaster Operator General Specifications

## Convenience/Safety

Emergency quick release  
 Automatic trolley reconnect  
 Trolley disconnect mode setting  
 Ventilation/pet opening  
 Safety stop and full reverse  
 Up: Safety stop  
 Automatic close (dependent on model)  
 Flashing light connection (dependent on model)  
 Door-in-door switch (dependent on model)

## General

Door Linkage: Adjustable door arm (dependent on model)  
 Logic Type: Solid-state microprocessor with built-in surge suppressor  
 Solid-state light delay (dependent on model)  
 Force Adjustment: Segmented - Automatic learn  
 Length of line cord: 1.2m (dependent on model)  
 Temperature: -30°C to +65°C

## Digital Radio controls

Logic boards feature the exclusive Smart Button for programming transmitter codes to receiver memory.  
 RF Module: 433.92MHz - AM Superheterodyne  
 Rolling Code or Billion Code decoding  
 Battery (Remote Control): 2x3V or 1x3V (94335E)

Remote control may be programmed from operator or control panel.  
 Remote control may be programmed to control the opener light.  
 Remote control may be programmed to an open/close/stop function.  
 2-1/2 minute light timing adjustable to 1-1/2, 2-1/2, 3-1/2, 4-1/2 minutes.  
 Operator light may be programmed to turn on when IR beam is broken.

In order to guarantee a smooth operation, we help you to diagnose in case of a failure.  
 Through simple flashing signals you will know what to do quickly.

**Example: LM1000A-2, LM800A-2, LM60**

<b>1 Flash:</b>	The Protector System™ open, misaligned or an object has broken IR beam for more than 4 seconds.
<b>2 Flashes:</b>	The Protector System™ wire shorted or connected backwards.
<b>3 Flashes:</b>	Door or wall control button wire shorted.
<b>4 Flashes:</b>	IR sensor slightly misaligned (dim or flashing sensor LED) or partially blocked.
<b>5 Flashes:</b>	No RPM in the first second of travel. Motor has stalled or the electronics did not see the RPM signal. The unit will stop or reverse in 1 second.
<b>6 Flashes:</b>	RPM caused a reversal (low force setting).
<b>7 Flashes:</b>	Bad logic board (Unplug and reconnect operator).
<b>9 Flashes:</b>	No passpoint detected during travel.
<b>Rapid Flashing:</b>	Transmitter code being received. (Operator not necessarily programmed to respond)

Install all operators to EN12453 and/or IEC60335-95-2  
 LiftMaster operators meet or exceed all applicable EU regulations.  
 All trolley operator impact forces, force sensing, door, weight, and size ratings have been tested and verified by TÜV-Rheinland.  
 LiftMaster operators carry TÜV approval and CE marking.  
 All operators are HomeLink compatible.

## Premium linie **LM1000A-2**



### High quality **accessories included** in the scope of **delivery**

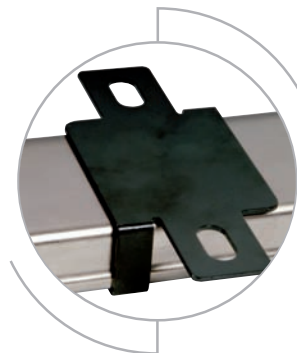
4-channel mini remote control



Wireless wallcontrol



Low headroom bracket



### 5-Year Motor/2-Year Full warranty

TÜV-tested to meet EN12453. For doors up to 130kg / 13.5m<sup>2</sup>.

# Technical data

Input Voltage .....230-240 VAC, 50Hz  
 Max. Pull Force .....1000N  
 Watts .....190W  
 Standby power .....3.0W

### Motor

Type.....24V DC gearmotor permanent lubrication

### Drive mechanism

Drive .....Chain/belt with two-piece trolley on steel rail  
 Door height.....adjustable up to 2.3 m or up to 5 m with appropriate extension  
 Travel rate .....127-178mm per second  
 Lighting .....turns on when the drive is activated; turns off 2.5 minutes after closing  
 Door arm .....adjustable, trolley unlocking device

### Safety

Automatic stop .....by pressing a button during forward or backward run and obstacle detection  
 Power recognition .....automatic  
 Overflow protection.....transformer overload protection and low voltage cabling for accessories  
 Limit switch setting .....electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....3.2m  
 Headroom required .....30mm  
 Hanging weight.....14.5kg

### Receiver

Memory Registers .....64  
 Frequency .....433.92MHz

**Further features:** Soft-start and soft-stop, automatic close

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



## Premium linie **LM800A-2**



### High quality **accessories included** in the scope of **delivery**

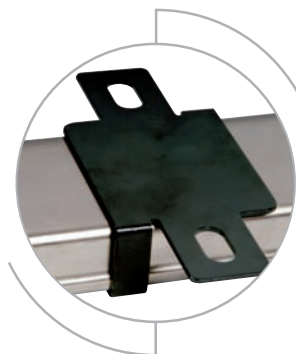
3-channel mini remote control



Multi-function wallcontrol



Low headroom bracket



### 4-Year Motor/2-Year Full warranty

TÜV-tested to meet EN12453. For doors up to 110 kg / 13.5 m<sup>2</sup>

## Technical data

Input Voltage .....	230-240 VAC, 50Hz
Max. Pull Force .....	800N
Watts .....	165W
Standby power .....	2.7W

### Motor

Type.....	24 V DC gearmotor permanent lubrication
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### Drive mechanism

Drive .....	Chain/belt with two-piece trolley on steel rail
Door height.....	adjustable up to 2.3m or up to 5m with appropriate extension
Travel rate .....	127-178mm per second
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing
Door arm .....	adjustable, trolley unlocking device

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....	3.2m
Headroom required .....	30mm
Hanging weight.....	14.5kg

### Receiver

Memory Registers .....	32
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop, automatic close

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



## Standard line **LM80AR-128**



Belt

### High quality **accessories included** in the scope of **delivery**

3-channel mini remote control



Wireless wall control



### 2-Year Full warranty

TÜV-tested to meet EN12453. For doors up to 110 kg / 13.5 m<sup>2</sup>



## Technical data

Input Voltage .....	230-240 VAC, 50Hz
Max. Pull Force .....	800N
Watts .....	125W
Standby power .....	2.8W
Torque.....	8Nm

### Motor

Type.....	24V DC gearmotor permanent lubrication
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### Drive mechanism

Drive .....	Belt with two-piece trolley on steel rail
Door height.....	adjustable up to 2.3m or up to 5m with appropriate extension
Travel rate .....	127-178mm per second
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing
Door arm .....	adjustable, trolley unlocking device

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....	3.2m
Headroom required .....	30mm
Hanging weight.....	14.5kg

### Receiver

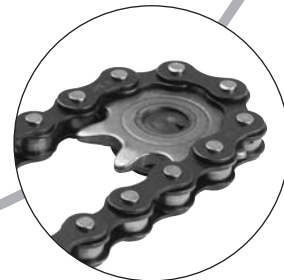
Memory Registers .....	12
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



## Standard line **LM60A**



Chain

### High quality **accessories included** in the scope of **delivery**

3-channel mini remote control



Illuminated push button



### 2-Year Full warranty

TÜV-tested to meet EN12453. For doors up to 90 kg / 10.7 m<sup>2</sup>

## Technical data

Input Voltage .....	230-240 VAC, 50Hz
Max. Pull Force .....	600N
Watts .....	100W
Standby power .....	2.6W
Torque.....	5Nm

### Motor

Type.....	24V DC gearmotor permanent lubrication
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### Drive mechanism

Drive .....	Chain with two-piece trolley on steel rail
Door height.....	adjustable up to 2.3m or up to 5m with appropriate extension
Travel rate .....	127-178mm per second
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing
Door arm .....	adjustable, trolley unlocking device

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....	3.2m
Headroom required .....	30mm
Hanging weight.....	14.5kg

### Receiver

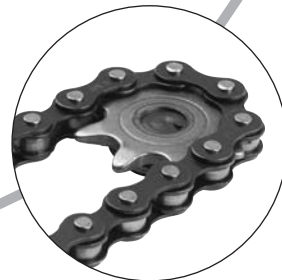
Memory Registers .....	12
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



# Standard line **LM60K**



Chain

## High quality **accessories included** in the scope of **delivery**

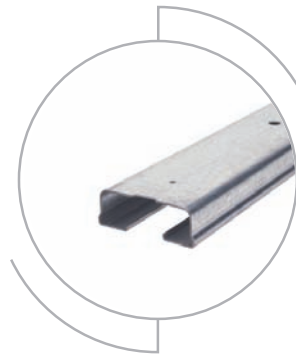
3-channel mini remote control



Illuminated push button



Rail



### 2-Year Full warranty

TÜV-tested to meet EN12453. For doors up to 90 kg / 10.7 m<sup>2</sup>

## Technical data

Input Voltage .....	230-240 VAC, 50Hz
Max. Pull Force .....	600N
Watts .....	100W
Standby power .....	2.6W
Torque.....	5Nm

### Motor

Type.....	24V DC gearmotor permanent lubrication
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### Drive mechanism

Drive .....	Chain with two-piece trolley on steel rail
Door height.....	adjustable up to 2.3m or up to 5m with appropriate extension
Travel rate .....	127-178mm per second
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing
Door arm .....	adjustable, trolley unlocking device

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....	3.2m
Headroom required .....	30mm
Hanging weight.....	14.5kg

### Receiver

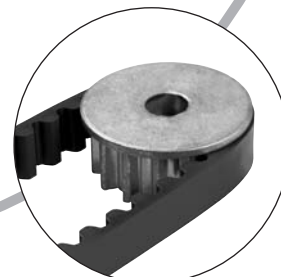
Memory Registers .....	12
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



## Standard line **LM60R-128**



Belt

High quality **accessories included** in the scope of **delivery**

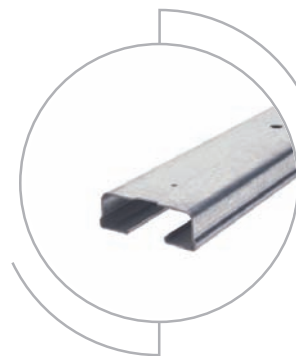
3-channel mini remote control



Wireless wall control



Rail



**2-Year Full warranty**

TÜV-tested to meet EN12453. For doors up to 90 kg / 10.7 m<sup>2</sup>

## Technical data

Input Voltage .....	230-240 VAC, 50Hz
Max. Pull Force .....	600N
Watts .....	100W
Standby power .....	2.6W
Torque.....	5Nm

### Motor

Type.....	24V DC gearmotor permanent lubrication
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### Drive mechanism

Drive .....	Belt with two-piece trolley on steel rail
Door height.....	adjustable up to 2.3m or up to 5m with appropriate extension
Travel rate .....	127-178mm per second
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing
Door arm .....	adjustable, trolley unlocking device

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....	3.2m
Headroom required .....	30mm
Hanging weight.....	14.5kg

### Receiver

Memory Registers .....	12
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



# Compact line **LM3800A**



Battery operation possible

## High quality **accessories included** in the scope of **delivery**

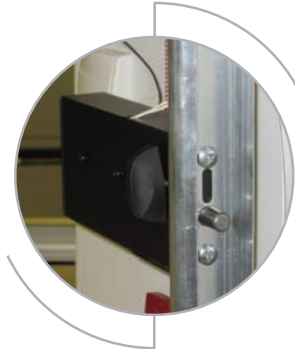
3-channel mini remote control



Clutch



E-lock



### 2-Year Full warranty

GS-tested and TÜV-tested to meet EN12453. For doors up to 130 kg / 13.5 m<sup>2</sup>



## Technical data

Input voltage.....	230-240 ~V, 50Hz
Nominal Pull Force .....	10Nm
Max. Pull Force .....	40Nm
Cable drum diameter.....	min. 80mm, max. 178mm
Watts .....	145W
Standby power .....	5.0W
Opening speed.....	36 rpm
Closing speed .....	24 rpm

### Motor

Type.....	DC gearmotor
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### Drive mechanism

Drive .....	Direct drive "Jackshaft"
Door height.....	adjustable up to 4.5m
Door arm .....	Clutch, unlatch for manual operation

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Required lateral distance.....	min. 230mm
Max. door height.....	4.5m

### Receiver

Memory Registers .....	64
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop, automatic close

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



# Robust **LM3850ASA\***



Battery operation possible

## High quality **accessories included** in the scope of **delivery**

3-channel mini remote control



Illuminated push button



South Africa



2-Year Full warranty

\* No CE certification. Field of application outside of Europe

## Technical data

Input Voltage .....	230-240 VAC, 50Hz
Max. Pull Force .....	800N
Watts .....	260W
Standby power .....	2.9W
Torque.....	8Nm

### Motor

Type.....	DC gearmotor permanent lubrication
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### Drive mechanism

Drive .....	Chain/belt with two-piece trolley on steel rail
Door height.....	adjustable up to 2.3m or up to 5m with appropriate extension
Travel rate .....	127-178mm per second
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing
Door arm .....	adjustable, trolley unlocking device

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....	3.2m
Headroom required .....	30mm
Hanging weight.....	14.5kg

### Receiver

Memory Registers .....	32 Speicherplätze
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop, automatic close

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



# Power 5580-2



Kette

## High quality accessories included in the scope of delivery

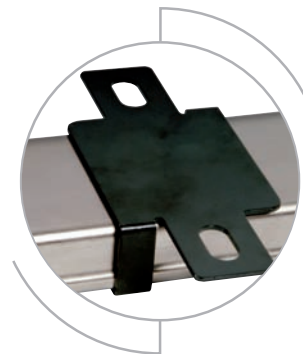
3-channel mini remote control



Illuminated push button



Low headroom bracket



### 2-Year Full warranty

TÜV-tested to meet EN12453. For doors up to 110 kg / 10.7 m<sup>2</sup>

## Technical data

Max. Pull Force .....	800N
Watts .....	400W
Standby power .....	2.6W

### Motor

Type.....	Motor with capacitor for start and operation
Speed.....	1500 rpm
Voltage.....	230-240Volt only AC-50Hz

### Drive mechanism

Gear.....	16:1 worm gear
Drive .....	Chain with two-piece trolley on steel rail
Door height.....	adjustable up to 2.3m or up to 5m with appropriate extension
Speed.....	100mm per second
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing
Door arm .....	adjustable, trolley unlocking device

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Length (overall) .....	3.1m
Headroom required .....	30mm
Hanging weight.....	14.5kg

### Receiver

Memory Registers .....	8
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**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



## Compact linie **RDO800**



Batteriebetrieb möglich

### High quality **accessories included** in the scope of **delivery**

3-channel mini remote control



Wireless wall control



Door weight



### 2-Year Full warranty

TÜV-tested to meet EN12453. For doors up to 100 kg / 12.0 m<sup>2</sup>

## Technical data

Input Voltage .....	230-240 VAC, 50Hz
Max. Pull Force .....	550N
Watts .....	90W
Standby power .....	3.4 Watts
Torque .....	18Nm
Automatic close .....	Yes

### Motor

Type .....	DC gearmotor permanent lubrication
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### Drive mechanism

Drive .....	gearless drive
Speed .....	13 rpm
Door height .....	adjustable up to 4.5m
Limit switch range .....	max. 5 revolutions
Lighting .....	turns on when the drive is activated; turns off 2.5 minutes after closing

### Safety

Automatic stop .....	by pressing a button during forward or backward run and obstacle detection
Power recognition .....	automatic
Overflow protection .....	transformer overload protection and low voltage cabling for accessories
Limit switch setting .....	electronic, semi and fully automatic; optical detection of speed and door position

### Dimensions

Required lateral distance .....	95mm
Hanging weight .....	6kg

### Receiver

Memory Registers .....	64
Frequency .....	433.92MHz

**Further features:** Soft-start and soft-stop, automatic close

**SPECIAL NOTE:** Chamberlain strongly recommends that the protector system be installed on all garage door openers!



# Extravagant **BAS300**



## High quality **accessories included** in the scope of **delivery**

3-channel mini remote control



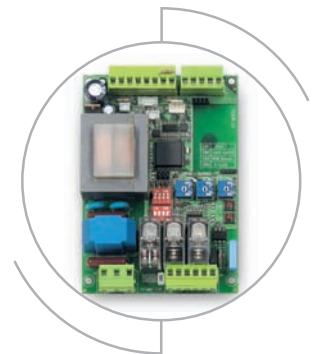
Infrared sensor



RPM sensor



Control



### 2-Year Full warranty

Nemko tested for EN12453 standard compliance with contact strips on doors up to 14.0 m<sup>2</sup>



## Technical data

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Input voltage.....	230 Volt, 50Hz
Nominal power .....	250W
Maximal power .....	400W
Max. torque.....	350Nm
Run capacitor .....	10 $\mu$ F
Thermal protection<.....	140°C
Engine speed.....	1400 rpm
Ambient temperature .....	-20 to +55°C
Operating frequency cycles/hour .....	20
Weight.....	approx. 9kg
Protection type .....	IP44

Max. door width – 1 motor.....	3m
Max. door height – 1 motor.....	3m
Max. door surface – 1 motor .....	8m

Max. door width – 2 motors .....	5m
Max. door height – 2 motors .....	3m
Max. door surface – 2 motors.....	14m

## Rails

For LM1000A-2, LM800A-2 and 5580-2. LM60A, chain only. Specify operator head and rail separately.  
All rails come with automatic chain or belt tensioner device.  
Required headroom clearance: C-rail - 30mm

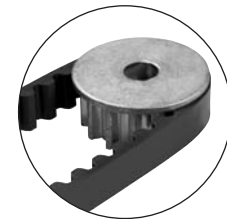
### CHAIN

Model	Description
<b>7023CR3</b>	1-piece C-rail, chain, for 2.3m door
<b>7025CR3</b>	1-piece C-rail, chain, chain, for 2.5m door
<b>7030CR3</b>	1-piece C-rail, chain, for 3.0m door
<b>7223CR3</b>	2-piece C-rail, chain, for 2.3m door
<b>7423CR3</b>	4-piece C-rail, chain, for 2.3m door
<b>7010CR3</b>	1.0m Extension kit, chain, master links, splice
<b>7020CR3</b>	2.0m Extension kit, chain, master links, splice



### BELT

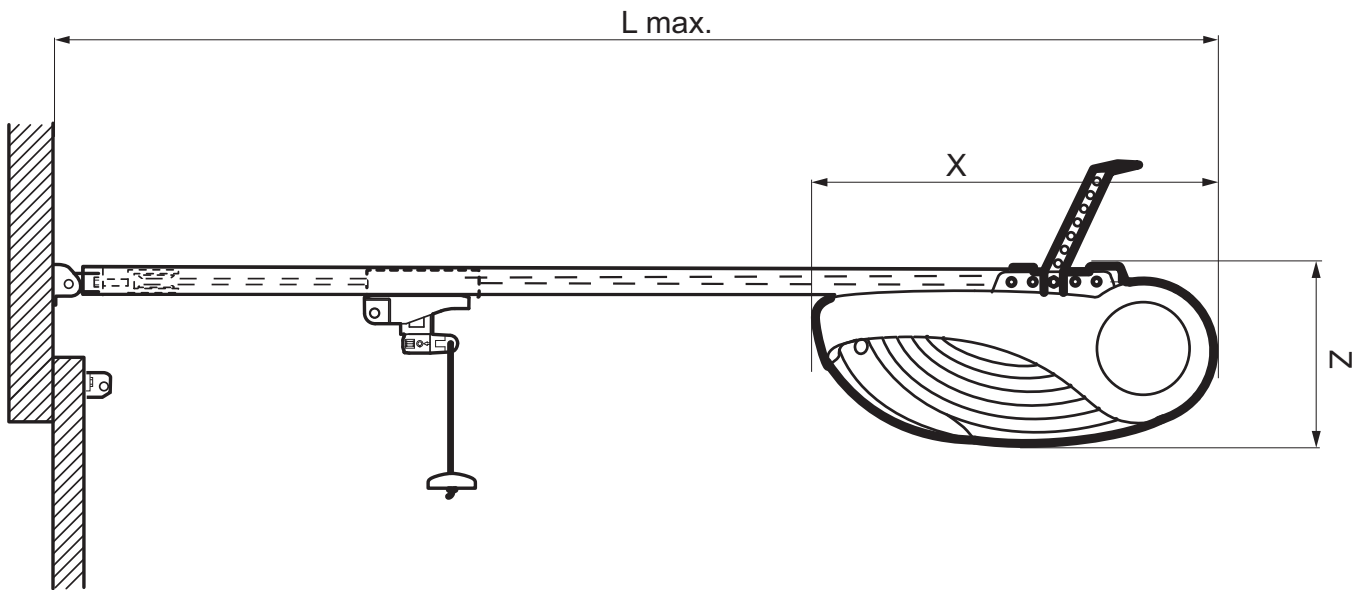
Model	Description
<b>8023CR3</b>	1-piece C-rail, belt, for 2.3m door
<b>8025CR3</b>	1-piece C-rail, belt, for 2.5m door
<b>8030CR3</b>	1-piece C-rail, belt, for 3.0m door
<b>8223CR3</b>	2-piece C-rail, belt, for 2.3m door
<b>8423CR3</b>	4-piece C-rail, belt, for 2.3m door
<b>8430CR3</b>	4-piece C-rail, belt, for 3.0m door
<b>8010CR3</b>	1.0m Extension kit for C-rail 8030CR3, replacement belt for 4.0m door, splice
<b>8020CR3</b>	2.0m Extension kit fo 8030CR3 belt: belt for 5.0m, rail



## Rail / model chart recommendation

	LM1000A-2	LM800A-2	5580-2	LM80AR-128	LM60A	LM60K	LM60R-128
<b>7023CR3</b>	X	X	X		X		
<b>7025CR3</b>	X	X	X		X		
<b>7030CR3</b>	X	X	X		X		
<b>7223CR3</b>	X	X	X		X		
<b>7423CR3</b>	X	X	X		X	included	
<b>7010CR3</b>	X	X	X		X		
<b>7020CR3</b>	X	X	X		X		
<b>8023CR3</b>	X	X		X			
<b>8025CR3</b>	X	X		X			
<b>8030CR3</b>	X	X		X			
<b>8223CR3</b>	X	X		X			
<b>8423CR3</b>	X	X		X			included
<b>8430CR3</b>	X	X		X			
<b>8010CR3</b>	X	X		X			
<b>8020CR3</b>	X	X		X			

## Rail specifications



	L max.	max. trolley movement	X	Z
<b>LM60K LM60R</b>	<b>3210mm</b>	<b>2570mm</b>	<b>330mm</b>	<b>140mm</b>

<b>LM800Ax LM1000Ax</b>	L max.	max. trolley movement	X	Z
<b>7023CR3, 7423CR3 7223CR3, 8223CR3 8023CR3, 8423CR3</b>	<b>3210mm</b>	<b>2570mm</b>	<b>400mm</b>	<b>175mm</b>
<b>7025CR3 8025CR3</b>	<b>3410mm</b>	<b>2770mm</b>	<b>400mm</b>	<b>175mm</b>
<b>7030CR3 8030CR3, 8430CR3</b>	<b>4400mm</b>	<b>3400mm</b>	<b>400mm</b>	<b>175mm</b>
<b>7010CR3 8010CR3</b>	<b>1000mm</b>	<b>1000mm</b>	<b>x</b>	<b>x</b>
<b>7020CR3 8020CR3</b>	<b>2000mm</b>	<b>2000mm</b>	<b>x</b>	<b>x</b>

<b>5580</b>	L max.	max. trolley movement	X	Z
<b>7023CR3, 7423CR3 7223CR3, 8223CR3 8023CR3, 8423CR3</b>	<b>3210mm</b>	<b>2570mm</b>	<b>400mm</b>	<b>180mm</b>
<b>7025CR3 8025CR3</b>	<b>3410mm</b>	<b>2770mm</b>	<b>400mm</b>	<b>180mm</b>
<b>7030CR3 8030CR3, 8430CR3</b>	<b>4400mm</b>	<b>3400mm</b>	<b>400mm</b>	<b>180mm</b>
<b>7010CR3 8010CR3</b>	<b>1000mm</b>	<b>1000mm</b>	<b>x</b>	<b>x</b>
<b>7020CR3 8020CR3</b>	<b>2000mm</b>	<b>2000mm</b>	<b>x</b>	<b>x</b>

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