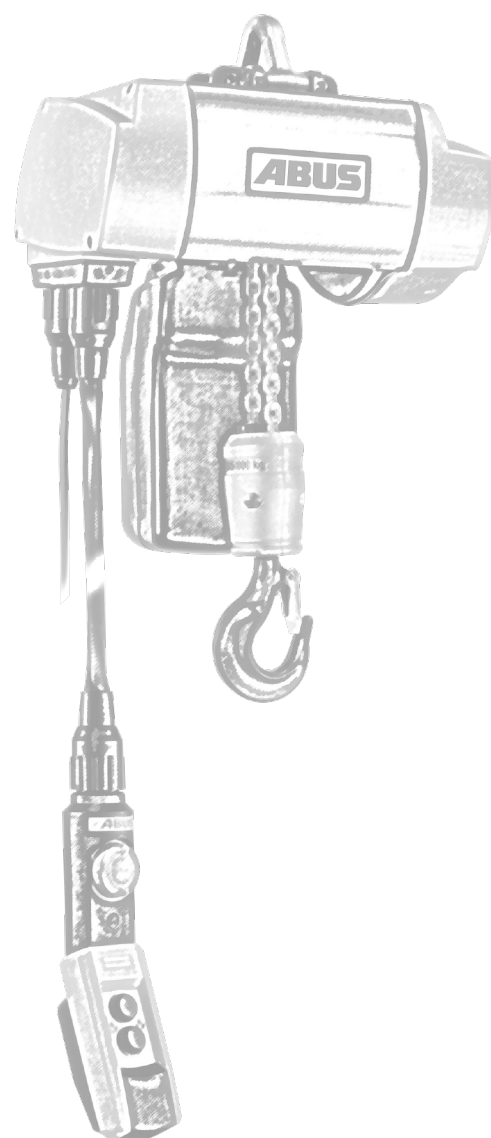
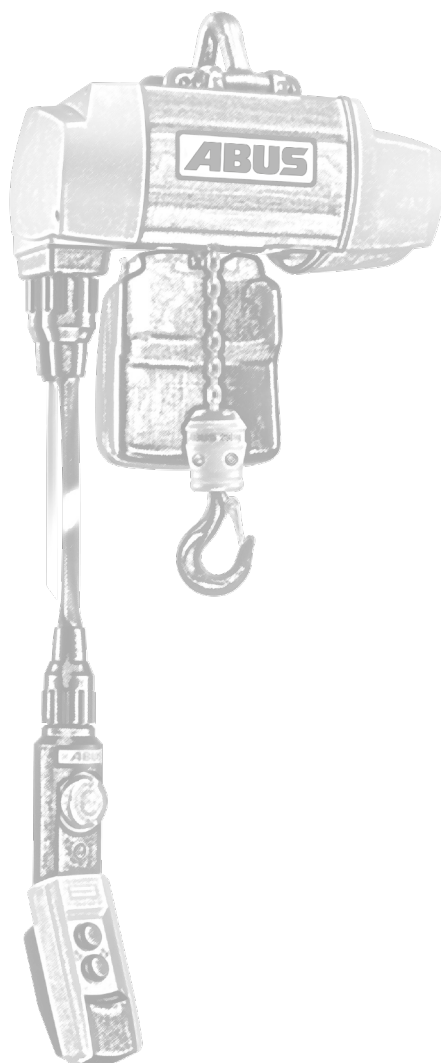
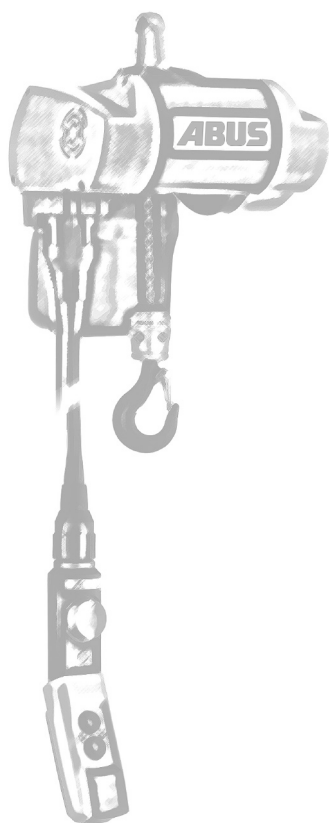




# ABUCompact

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Product information / Technical data



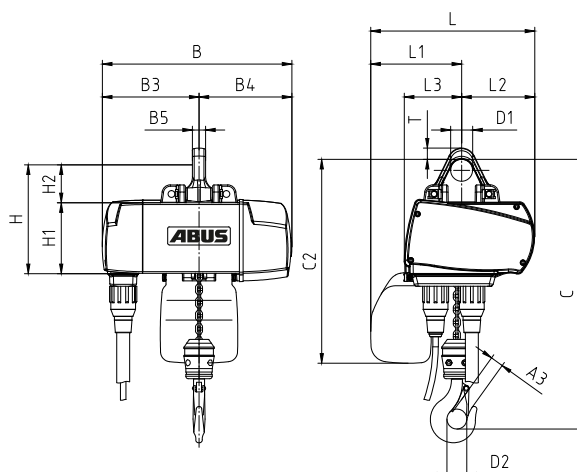
Dimensioned sketches  
ABUCompact GMC, GM2 and GM4

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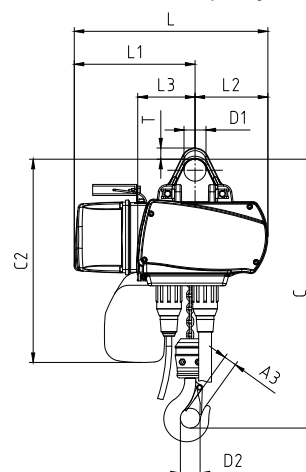
# Dimensioned sketches of chain hoists

## ABUCompact GMC, GM2 and GM4

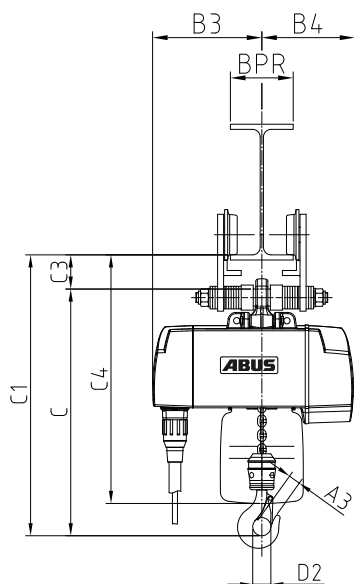
stationary



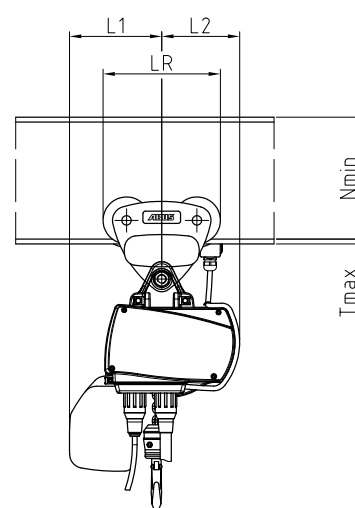
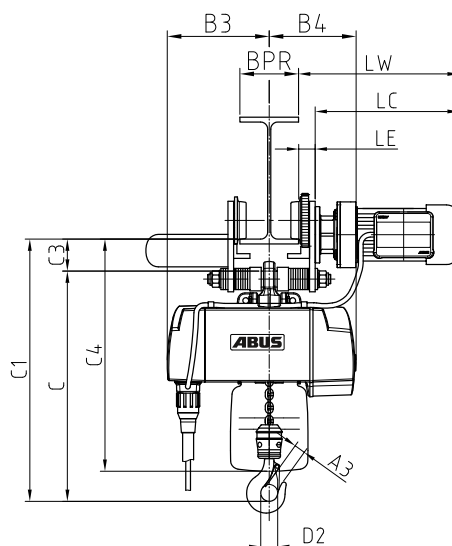
with additional housing  
(and brake resistor for frequency converter)



with HF push trolley



with EF electric trolley



# Description

## of the standard equipment

The new generation of ABUCompact chain hoists feature a fresh new design and convincing technical solutions. The 3 phase 400 volt hoists units are available in four different sizes to reliably handle loads from 80 kg through 4000 kg.

The motor and the gear unit are of modular design, allowing us to produce a wide variety of versions for lifting speeds up to 20 m/min and FEM groups up to 4 m at attractive prices.

Details of the ABUS electric chain hoist range and introduction dates are given in the selection table. Why not take advantage of the additional features described from page 8 onwards.

The small GMC hoist rounds off the ABUCompact range. With infinitely variable lifting speed and a load capacity of 100 kg or 200 kg, this unit, supplied ready for connection to a 230 V power socket, is the ideal hoist for flexible and low capacity applications.



### ABUCompact GMC

Scope of supply: electric chain hoist with pendant control handset and cable, ready to connect up to start work with its chain collector, chain, approximately 3 meters of mains power cable and connection already fitted.

- hoist body finish painted RAL 5017 (traffic blue)
- hinged, removable suspension bracket
- operating voltage: single-phase AC, 230 V, 50 Hz
- degree of protection IP 21, insulation class F
- operation via pendant control handset complete with emergency stop button, degree of protection IP 65
- infinitely variable lifting speed
- electronic control
- overload protection by slipping clutch with fixed adjustment
- high-strength, galvanized round steel chain with chain container
- hook path 3000 mm
- pendant control cable to suit hoist hook path
- plug and play connections



### ABUCompact GM2 to GM8

Scope of supply: electric chain hoist with pendant control handset and cable, ready to connect up to start work with its chain collector, chain and mains connection already fitted.

- hoist body finish painted RAL 5017 (traffic blue)
- hinged, removable suspension bracket
- operating voltage: 3-phase AC, 380 to 415 V, 50 Hz
- degree of protection IP 55, insulation class F
- operation via pendant control handset complete with emergency stop button, degree of protection IP 65
- direct control for GM2 / GM4 / GM6
- 48 V contactor control with semiconductor technology for GM8
- quick plug-type connections with twist lock
- 2 lifting speeds (main and precision lift)
- overload protection with externally adjustable slipping clutch
- high-strength, galvanized profile steel chain with chain container
- hook path 3000 mm
- pendant control cable to suit hoist hook path

# Contents

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## Where do I find?

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| Page 5       | Contents                                                                     |
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|              | ABUS HF push trolleys                                                        |
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Please use the enquiry forms at [www.abuscranes.com](http://www.abuscranes.com)

# Technical details

## useful information on the ABUCompact GM2 to GM8



### Standards and safety regulations

All ABUS chain hoists are designed and manufactured in accordance with the applicable EU directives and harmonized standards.



### Motor and gear unit

The motor and gear units are of modular design, allowing a variety of combinations for different lifting speeds. All the motors used are sturdy squirrel-cage units with 2-pole and 8-pole windings and the gear unit is separately encapsulated. This ensures considerable benefits for installation and maintenance. The permanently lubricated spur gear features bevelled gear wheels and roller bearings for smooth running.



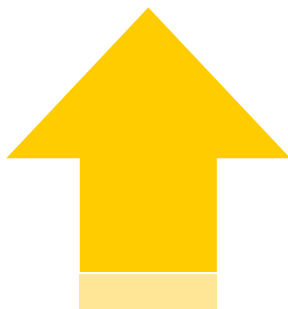
### Integrated safety brake

The DC disk brake features asbestos-free brake linings with a long service life (a million braking operations up to the first adjustment). The adjustable brake is designed for a very short run-on.



### Suspension bracket

The removable, hinged suspension bracket is designed for easy suspension and removal of the hoist. The bracket ensures that the hoist is positioned in a fixed direction. On GM2 and GM4 hoists, the bracket is designed for installation in two positions, with an angle of 90° between them. Without the suspension bracket, the hoist may also be rigidly fixed by other means. The reduced installation spacing then allows an increase in the lifting height.



### 2 lifting speeds

Two lifting speeds, one for fast lifting and one for precision positioning, are a standard feature. The speed ratio (precision:main lift) is 1:4 for the GM2, GM4 and GM6 and 1:6 for the GM8.



### Chain system

The chain system consists of a high-precision chain sprocket entirely surrounded by the chain guide. Both the chain sprocket and the chain guide are of modular design, allowing easy replacement without the need to spend time and money dismantling the hoist to reach the parts.



### Slipping clutch

The slipping clutch offers reliable protection against overloading. Special linings designed for minimum wear ensure high safety levels over the entire service life of the unit. The slipping clutch is designed for easy external adjustment.





#### Rotating hook block (single fall)

The hook block is designed to rotate on the chain. The hook and the hook block form a single, torsionally stable unit. The load can be effectively guided and oriented using a hand on the hook block.



#### Quick plug-type connectors

The power supply and the control unit are connected up using quick plug-type connectors with twist locks. The connection is firm and confusion is not possible. These connectors save time and make installation and maintenance work safer.



#### Sheathed control line

No external strainer cable is required as strain relief properties are built into the sheathing of the robust pendant cable. Tensile forces are absorbed by the specially coated fabric of the sheath. The conductors inside the sheath can move freely and are effectively protected against mechanical damage.



#### Profile steel chain

The specially hardened galvanized steel profile chain allows loads about 25 % higher than a round steel chain of the same nominal dimensions. The larger area surface of the chain links has a positive effect on material wear properties. In practice, safety levels are improved and the service life of the chain is prolonged.



#### 48 V semiconductor control

The electronic control features no-wear semiconductor technology. This configuration allows considerable weight and space savings compared with mechanical contactors. (Standard equipment for GM8, optional for GM2, GM4 and GM6).



#### Operation via pendant control

ABUCompact hoists are controlled from ground level using ergonomically designed ABUCommander pendant controls with 2-stage push buttons and large emergency stop buttons. The pendant control is connected using quick plug-type connectors with twist locks (bayonet locks).

# Optional extras

for MORE convenience



## Operating hours meter

An operating hours meter allows a realistic assessment of the work actually performed by a hoist. The operating hours indicated can be used for calculating the remaining service life of the hoist in accordance with FEM 9.755. With an operating hours meter, longer safe working periods are normally possible.



## ABUliner frequency converter for lifting and lowering

Infinitely variable speed control for the smooth handling of sensitive products such as glass or ceramics or long, bulky loads. The ABUliner also allows precise positioning for tricky assembly and joining operations.

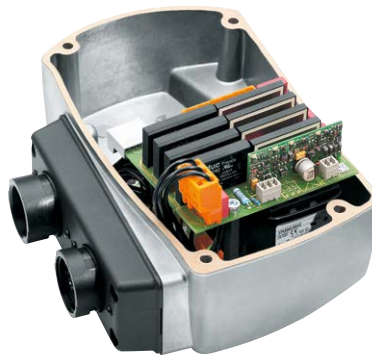
For additional safety, the frequency converter features an electronic shut-down system with two programmable shut-down points that can be set via the pendant control.



## Cruciform limit switch for trolley travel

These switches can be used to slow the trolley to a lower speed ahead of the end stops. When the trolley has passed the limit switch, it can be moved back in the other direction at low speed. This option is only available in combination with a contactor-type control system/semiconductor control system.

**Alternative:** Deceleration to low trolley travel speed **followed by shut-down** at the end of trolley travel before the end stops are reached. When the trolley has passed the limit switch, it can be moved back in the other direction at high speed.



## 48 V semiconductor control for lifting and lowering

The electronic control system features advanced, no-wear semiconductor technology and is integrated in the hoist.

This configuration features considerable weight and space savings compared with conventional mechanical contactors. The control voltage is 48 V.

## Alternative: semiconductor control for lifting / lowering and trolley travel

Extended semiconductor electronic control system also incorporating trolley travel control functions. If this option is selected for a GM2 hoist, the control system is installed in an additional housing on the hoist.



## Electronic limit switch (two positions)

The electronic limit switch features two programmable shut-down points for even safer operation. The shut-down points for highest and lowest hook position can be programmed individually using a teach-in button on the pendant control. When the shut-down point is reached, the lifting or lowering movement is stopped. This option is only available in combination with a 48 V semiconductor control system.

## Alternative: limit switch with two additional switching points

This option features two additional switching points between the highest and lowest hook position. These can be used as stop-and-go points during operation.



### Additional power socket on hoist

This option includes an additional 5-pole (3/N/PE) power socket on the hoist for ancillary equipment. The socket is connected upstream from the emergency stop switch and the ancillary equipment therefore remains in operation following an emergency stop. Easy connection and disconnection is possible. Depending on the individual application, it may be necessary to provide a 5-pole power supply. (This option is only available in combination without electric trolley travel and with direct control)

### Plug and play radio remote control unit Tiger G2

The radio remote control unit Tiger G2 has a range of up to 50 m. Scope of supply consists of a lightweight hand-held transmitter with a rechargeable battery, belt clip and receiver with integrated horn. The receiver is simply plugged in instead of the pendant control and is immediately ready for operation (plug-and-play). In order to control the lifting and lowering movement via radio, the chain hoist is equipped with a 48 V control system.

The radio remote control unit can be used with solo hoists (lifting/lowering) and trolleys (lifting/lowering and powered trolley travel). An electrical travel cruciform limit switch is required in the instance of powered trolley travel. For optimum operation, we strongly recommend that the travel motion is first slowed to its slow speed prior to complete stop, as this eradicates load swing.



Units for special  
voltages available  
on request:

440 – 480 V / 60 Hz  
208 – 230 V / 60 Hz  
220 – 240 V / 50 Hz  
550 – 600 V / 60 Hz  
360 – 400 V / 60 Hz  
460 – 500 V / 50 Hz

## ABUS trolleys

### push trolleys & electric trolleys



#### ABUS HF push trolleys

- sturdy design with roller bearings
- virtually no maintenance required
- machined rollers
- fitted with drop stop and wheel climb prevention lugs
- colour RAL 5017 (traffic blue), suits many different chain hoist models
- adjustable for flange widths from 42 to 400 mm



#### ABUS EF electric trolleys

- sturdy design with roller bearings
- virtually no maintenance required
- speed 5/20 m/min or 7.5/30 m/min
- high-quality standard drive system
- degree of protection IP 55
- durable electromechanical disk brake
- machined rollers
- fitted with drop stop and wheel climb prevention lugs
- colour RAL 5017 (traffic blue), suits many different chain hoist models
- adjustable for flange widths from 64 to 400 mm

# Drive group (FEM group) selection

## An important subject

Apart from the type of hoist required, the load capacity, the hook path and the lifting speed, the drive or FEM group is one of the main criteria to consider when selecting a hoist. The drive group must be selected to ensure that the hoist is fit for use for its intended purpose. Standard hoists are normally designed for a mean theoretical service life of 10 years, subject to operation in accordance with FEM 9.511. If the drive group selected is not appropriate in view of actual service conditions, the actual service life may be considerably shorter than 10 years. The results are excessive expenditure for maintenance, repairs and overhauls. In Germany, accident prevention regulations VBG D8 and D6 require hoist operators to determine the used-up portion of the theoretical service life during each regular inspection of the hoist. When the theoretical service life has elapsed, the hoist must be decommissioned. Continued operation is only permitted if an inspector finds that there are no objections to continued operation and lays down conditions for operation. Normally, the inspector requires the hoist to be overhauled. The objective of these requirements is to ensure that each hoist is only operated within its safe working period (S.W.P.).

In addition to the mean working time per day,  $t_m$  (total average hours of operation of the hoist per day), the correct assessment of the load population is essential for selecting the appropriate drive group. The value  $t_m$  is given by the following equation:

$$t_m = \frac{2 \times \text{mean lifting height (m)} \times \text{load cycles (1/h)} \times \text{working time (h/day)}}{60 \text{ (min/h)} \times \text{lifting speed (m/min)}}$$

### Mean lifting height:

the average hook travel under actual operating conditions

### Load cycles:

the average number of lifting operations per hour. A load cycle consists of one lifting and one lowering operation, i.e. two hook movements (lifting operations with an empty hook as a result of process conditions must also be taken into account in determining load cycles, but also make the load population determined less severe.

### Working time:

average working time per day within which the average load cycles per hour are performed

### Lifting speed:

average lifting speed (normally the maximum lifting speed) at which the load cycles are performed.

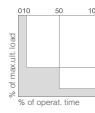
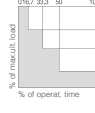
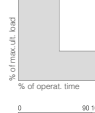
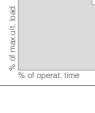
The following table indicates the theoretical service life D in hours for FEM groups 1 Bm, 1 Am, 2 m, 3 m and 4 m.

|      | Drive group     | 1Bm/M3                         | 1Am/M4 | 2m/M5 | 3m/M6 | 4m/M7 |
|------|-----------------|--------------------------------|--------|-------|-------|-------|
| Line | Load population | Theoretical service life D (h) |        |       |       |       |
| 1    | light           | 3200                           | 6300   | 12500 | 25000 | 50000 |
| 2    | medium          | 1600                           | 3200   | 6300  | 12500 | 25000 |
| 3    | heavy duty      | 800                            | 1600   | 3200  | 6300  | 12500 |
| 4    | very heavy duty | 400                            | 800    | 1600  | 3200  | 6300  |

The selection of the next highest FEM group results in a doubling of the theoretical service life if the operating conditions assumed remain unchanged.

Further information on this rather complex subject is given by FEM 9.755 and the fourth supplement to accident prevention regulation VBG 8 for winches, hoists and traction systems. We will also be pleased to send you our planning service form for selecting the correct FEM group as well as an article concerning the determination of remaining service life.

If the mean working time  $t_m$  and the load population are known, the correct drive group in accordance with DIN 15020 or FEM 9.755 can be selected using the following table.

| Load population                                           | Definition of load population                                                                                              | Mean working time $t_m$ per working day in h                                        |             |            |         |        |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|------------|---------|--------|
| 1<br>(light)                                              | ( $k \leq 0.50$ )<br>Only operated at maximum load in exceptional cases, mainly operated at very low load, small dead load |  | $\leq 2$    | 2 – 4      | 4 – 8   | 8 – 16 |
| 2<br>(medium)                                             | ( $0.50 < k \leq 0.63$ )<br>operated quite frequently at maximum load, operated continuously at low load, medium dead load |  | $\leq 1$    | 1 – 2      | 2 – 4   | 4 – 8  |
| 3<br>(heavy duty)                                         | ( $0.63 < k \leq 0.80$ )<br>operated frequently at maximum load, operated continuously at medium load, heavy dead load     |  | $\leq 0.5$  | 0.5 – 1    | 1 – 2   | 2 – 4  |
| 4<br>(very heavy duty)                                    | ( $0.80 < k \leq 1$ )<br>operated regularly at maximum load, very heavy dead load                                          |  | $\leq 0.25$ | 0.25 – 0.5 | 0.5 – 1 | 1 – 2  |
| Drive/FEM group in accordance with DIN 15020 or FEM 9.511 |                                                                                                                            |                                                                                     | 1Bm         | 1Am        | 2m      | 3m     |

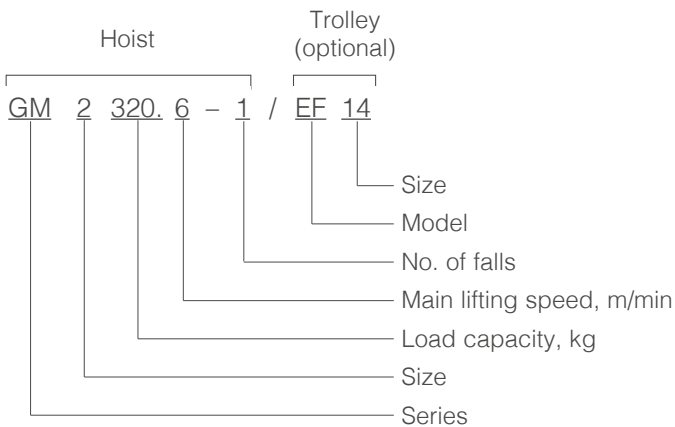
# Selection tables

## Type designation

Electric chain hoists (operating voltage 400 V, 50 Hz, 3-phase)

| Main lift          | 3<br>m/min | 4<br>m/min | 5<br>m/min | 6<br>m/min | 8<br>m/min | 10<br>m/min | 12<br>m/min | 16<br>m/min | 20<br>m/min                |
|--------------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|----------------------------|
| Load falls         | 2          | 2          | 2          | 1          | 2          | 1           | 2           | 1           | 1                          |
| Load capacity (kg) |            |            |            |            |            |             |             |             |                            |
| 80                 |            |            |            | GM2 (4m)   |            | GM2 (4m)    |             | GM2 (4m)    | GM2 (4m) GM2 (3m)          |
| 100                |            |            |            | GM2 (4m)   |            | GM2 (4m)    |             | GM2 (4m)    | GM2 (3m) GM2 (2m)          |
| 125                |            |            |            | GM2 (4m)   |            | GM2 (4m)    |             | GM2 (3m)    | GM2 (2m)                   |
| 160                | GM2 (4m)   | GM2 (4m)   | GM2 (4m)   | GM2 (4m)   | GM2 (4m)   | GM2 (4m)    | GM2 (3m)    | GM2 (3m)    | GM2 (2m)                   |
| 200                | GM2 (4m)   | GM2 (4m)   | GM2 (4m)   | GM2 (3m)   | GM2 (4m)   | GM2 (3m)    | GM2 (3m)    | GM2 (2m)    | GM2 (2m)                   |
| 250                | GM2 (4m)   | GM2 (4m)   | GM2 (4m)   | GM2 (2m)   | GM2 (3m)   | GM2 (2m)    | GM2 (2m)    | GM4 (4m)    | GM4 (4m) GM4 (3m) GM4 (2m) |
| 320                | GM2 (4m)   | GM2 (4m)   | GM2 (3m)   | GM2 (1Am)  | GM2 (2m)   | GM4 (4m)    |             | GM4 (4m)    | GM4 (3m) GM4 (2m)          |
| 400                | GM2 (3m)   | GM2 (3m)   | GM2 (2m)   |            |            | GM4 (3m)    |             | GM4 (3m)    | GM4 (2m)                   |
| 500                | GM2 (2m)   | GM2 (2m)   | GM4 (4m)   |            | GM4 (4m)   | GM4 (2m)    | GM4 (3m)    | GM4 (2m)    | GM4 (2m)                   |
| 630                | GM2 (1Am)  | GM4 (4m)   | GM4 (4m)   | GM6 (4m)   | GM4 (3m)   | GM4 (1Am)   | GM4 (2m)    | GM6 (4m)    | GM6 (3m) GM6 (3m)          |
| 800                |            | GM4 (3m)   | GM4 (3m)   | GM6 (3m)   | GM4 (2m)   | GM6 (3m)    |             | GM6 (3m)    | GM6 (2m) GM8 (3m) GM8 (2m) |
| 1000               |            | GM4 (2m)   | GM4 (2m)   | GM6 (2m)   |            | GM6 (2m)    |             | GM6 (2m)    | GM8 (3m) GM8 (2m)          |
| 1250               | GM6 (4m)   | GM4 (1Am)  | GM6 (4m)   | GM6 (1Am)  | GM6 (3m)   | GM6 (1Am)   | GM6 (3m)    | GM8 (2m)    | GM8 (2m)                   |
| 1600               | GM6 (3m)   | GM6 (3m)   | GM6 (3m)   |            | GM6 (2m)   | GM8 (2m)    | GM8 (3m)    | GM8 (1Am)   | GM8 (2m)                   |
| 2000               | GM6 (2m)   | GM6 (2m)   | GM6 (2m)   |            | GM8 (3m)   | GM8 (1Am)   | GM8 (2m)    |             |                            |
| 2500               | GM6 (1Am)  | GM6 (1Am)  | GM8 (2m)   |            | GM8 (2m)   |             |             |             |                            |
| 3200               |            | GM8 (2m)   | GM8 (1Am)  |            |            |             |             |             |                            |
| 4000               |            | GM8 (1Am)  |            |            |            |             |             |             |                            |

Explanation of the type designation



Electric chain hoists (operating voltage 230 V, 50 Hz, 1 phase)

| Main lift     | 6 m/min (infinitely variable) | 12 m/min (infinitely variable) |
|---------------|-------------------------------|--------------------------------|
| Load falls    | 2                             | 1                              |
| Load capacity |                               |                                |
| 100 kg        |                               | GMC (1Am)                      |
| 200 kg        | GMC (1Am)                     |                                |

# ABUCompact GM2 to GM8 electric chain hoists

operating voltage 400 V, 50 Hz, 3-phase

| Load capacity | Lifting speed | FEM/ISO  | Model         | Load falls | Hook | Motor       |                   |     | With push trolley | With electric trolley |
|---------------|---------------|----------|---------------|------------|------|-------------|-------------------|-----|-------------------|-----------------------|
|               |               |          |               |            |      | kw          | %ED <sup>1)</sup> | c/h |                   |                       |
| kg            | m/min         |          |               |            |      |             |                   |     | Model             | Model                 |
| 80            | 1.5 / 6.0     | 4m / M7  | GM 2 80.6-1   | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 80            | 2.0 / 8.0     | 4m / M7  | GM 2 80.8-1   | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 80            | 2.5 / 10.0    | 4m / M7  | GM 2 80.10-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 80            | 3.0 / 12.0    | 4m / M7  | GM 2 80.12-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 80            | 4.0 / 16.0    | 4m / M7  | GM 2 80.16-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 80            | 5.0 / 20.0    | 3m / M6  | GM 2 80.20-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 100           | 1.5 / 6.0     | 4m / M7  | GM 2 100.6-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 100           | 2.0 / 8.0     | 4m / M7  | GM 2 100.8-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 100           | 2.5 / 10.0    | 4m / M7  | GM 2 100.10-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 100           | 3.0 / 12.0    | 4m / M7  | GM 2 100.12-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 100           | 4.0 / 16.0    | 3m / M6  | GM 2 100.16-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 100           | 5.0 / 20.0    | 2m / M5  | GM 2 100.20-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 125           | 1.5 / 6.0     | 4m / M7  | GM 2 125.6-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 125           | 2.0 / 8.0     | 4m / M7  | GM 2 125.8-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 125           | 2.5 / 10.0    | 4m / M7  | GM 2 125.10-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 125           | 3.0 / 12.0    | 3m / M6  | GM 2 125.12-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 125           | 4.0 / 16.0    | 2m / M5  | GM 2 125.16-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 0.8 / 3.0     | 4m / M7  | GM 2 160.3-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 1.0 / 4.0     | 4m / M7  | GM 2 160.4-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 1.3 / 5.0     | 4m / M7  | GM 2 160.5-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 1.5 / 6.0     | 4m / M7  | GM 2 160.6-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 1.5 / 6.0     | 4m / M7  | GM 2 160.6-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 2.0 / 8.0     | 4m / M7  | GM 2 160.8-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 2.0 / 8.0     | 4m / M7  | GM 2 160.8-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 2.5 / 10.0    | 3m / M6  | GM 2 160.10-2 | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 2.5 / 10.0    | 3m / M6  | GM 2 160.10-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 160           | 3.0 / 12.0    | 2m / M5  | GM 2 160.12-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 0.8 / 3.0     | 4m / M7  | GM 2 200.3-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 1.0 / 4.0     | 4m / M7  | GM 2 200.4-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 1.3 / 5.0     | 4m / M7  | GM 2 200.5-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 1.5 / 6.0     | 4m / M7  | GM 2 200.6-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 1.5 / 6.0     | 3m / M6  | GM 2 200.6-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 2.0 / 8.0     | 3m / M6  | GM 2 200.8-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 2.0 / 8.0     | 3m / M6  | GM 2 200.8-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 2.5 / 10.0    | 2m / M5  | GM 2 200.10-2 | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 200           | 2.5 / 10.0    | 2m / M5  | GM 2 200.10-1 | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 0.8 / 3.0     | 4m / M7  | GM 2 250.3-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 1.0 / 4.0     | 4m / M7  | GM 2 250.4-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 1.3 / 5.0     | 4m / M7  | GM 2 250.5-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 1.5 / 6.0     | 3m / M6  | GM 2 250.6-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 1.5 / 6.0     | 2m / M5  | GM 2 250.6-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 2.0 / 8.0     | 2m / M5  | GM 2 250.8-1  | 1          | 012  | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 2.0 / 8.0     | 2m / M5  | GM 2 250.8-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 3              | EF 14                 |
| 250           | 2.0 / 8.0     | 4m / M7  | GM 4 250.8-1  | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 3              | EF 14                 |
| 250           | 2.5 / 10.0    | 4m / M7  | GM 4 250.10-1 | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 3              | EF 14                 |
| 250           | 3.0 / 12.0    | 4m / M7  | GM 4 250.12-1 | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 3              | EF 14                 |
| 250           | 4.0 / 16.0    | 3m / M6  | GM 4 250.16-1 | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 3              | EF 14                 |
| 250           | 5.0 / 20.0    | 2m / M5  | GM 4 250.20-1 | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 3              | EF 14                 |
| 320           | 0.8 / 3.0     | 4m / M7  | GM 2 320.3-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 320           | 1.0 / 4.0     | 4m / M7  | GM 2 320.4-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 320           | 1.3 / 5.0     | 3m / M6  | GM 2 320.5-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 320           | 1.5 / 6.0     | 1Am / M4 | GM 2 320.6-1  | 1          | 025  | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 320           | 1.5 / 6.0     | 2m / M5  | GM 2 320.6-2  | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 320           | 2.0 / 8.0     | 4m / M7  | GM 4 320.8-1  | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 320           | 2.5 / 10.0    | 4m / M7  | GM 4 320.10-1 | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 320           | 3.0 / 12.0    | 3m / M6  | GM 4 320.12-1 | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 320           | 4.0 / 16.0    | 2m / M5  | GM 4 320.16-1 | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |

<sup>1)</sup>Duty cycle, %

| Load capacity | Lifting speed | FEM/ISO  | Model          | Load falls | Hook | Motor       |                   |     | With push trolley | With electric trolley |
|---------------|---------------|----------|----------------|------------|------|-------------|-------------------|-----|-------------------|-----------------------|
| kg            | m/min         |          |                |            |      | kW          | %ED <sup>1)</sup> | c/h | Model             | Model                 |
| 400           | 0.8 / 3.0     | 3m / M6  | GM 2 400.3-2   | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 400           | 1.0 / 4.0     | 3m / M6  | GM 2 400.4-2   | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 400           | 1.3 / 5.0     | 2m / M5  | GM 2 400.5-2   | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 400           | 2.0 / 8.0     | 3m / M6  | GM 4 400.8-1   | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 400           | 2.5 / 10.0    | 3m / M6  | GM 4 400.10-1  | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 400           | 3.0 / 12.0    | 2m / M5  | GM 4 400.12-1  | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 500           | 0.8 / 3.0     | 2m / M5  | GM 2 500.3-2   | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 500           | 1.0 / 4.0     | 2m / M5  | GM 2 500.4-2   | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 6              | EF 14                 |
| 500           | 1.0 / 4.0     | 4m / M7  | GM 4 500.4-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 500           | 1.3 / 5.0     | 4m / M7  | GM 4 500.5-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 500           | 1.5 / 6.0     | 4m / M7  | GM 4 500.6-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 500           | 2.0 / 8.0     | 3m / M6  | GM 4 500.8-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 500           | 2.0 / 8.0     | 3m / M5  | GM 4 500.8-1   | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 500           | 2.5 / 10.0    | 2m / M5  | GM 4 500.10-2  | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 500           | 2.5 / 10.0    | 2m / M5  | GM 4 500.10-1  | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 6              | EF 14                 |
| 630           | 0.8 / 3.0     | 1Am / M4 | GM 2 630.3-2   | 2          | 05   | 0.09 / 0.35 | 60                | 360 | HF 14             | EF 14                 |
| 630           | 1.0 / 4.0     | 4m / M7  | GM 4 630.4-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 630           | 1.3 / 5.0     | 4m / M7  | GM 4 630.5-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 630           | 1.5 / 6.0     | 3m / M6  | GM 4 630.6-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 630           | 2.0 / 8.0     | 1Am / M4 | GM 4 630.8-1   | 1          | 025  | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 630           | 2.0 / 8.0     | 2m / M5  | GM 4 630.8-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 630           | 1.5 / 6.0     | 4m / M7  | GM 6 630.6-1   | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 630           | 2.0 / 8.0     | 4m / M7  | GM 6 630.8-1   | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 630           | 2.5 / 10.0    | 4m / M7  | GM 6 630.10-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 630           | 3.0 / 12.0    | 3m / M6  | GM 6 630.12-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 630           | 4.0 / 16.0    | 3m / M6  | GM 6 630.16-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 800           | 1.0 / 4.0     | 3m / M6  | GM 4 800.4-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 800           | 1.3 / 5.0     | 3m / M6  | GM 4 800.5-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 800           | 1.5 / 6.0     | 2m / M5  | GM 4 800.6-2   | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 800           | 1.5 / 6.0     | 3m / M6  | GM 6 800.6-1   | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 800           | 2.0 / 8.0     | 3m / M6  | GM 6 800.8-1   | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 800           | 2.5 / 10.0    | 3m / M6  | GM 6 800.10-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 800           | 3.0 / 12.0    | 2m / M5  | GM 6 800.12-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 800           | 1.3 / 8.0     | 3m / M6  | GM 8 800.8-1   | 1          | 05   | 0.2 / 1.3   | 50                | 300 | HF 22             | EF 22                 |
| 800           | 1.7 / 10.0    | 3m / M6  | GM 8 800.10-1  | 1          | 05   | 0.3 / 1.6   | 50                | 300 | HF 22             | EF 22                 |
| 800           | 2.0 / 12.0    | 3m / M6  | GM 8 800.12-1  | 1          | 05   | 0.33 / 2    | 50                | 300 | HF 22             | EF 22                 |
| 800           | 2.7 / 16.0    | 3m / M6  | GM 8 800.16-1  | 1          | 05   | 0.4 / 2.5   | 50                | 300 | HF 22             | EF 22                 |
| 800           | 3.3 / 20.0    | 2m / M5  | GM 8 800.20-1  | 1          | 05   | 0.5 / 3     | 40                | 240 | HF 22             | EF 22                 |
| 1000          | 1.0 / 4.0     | 2m / M5  | GM 4 1000.4-2  | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 1000          | 1.3 / 5.0     | 2m / M5  | GM 4 1000.5-2  | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 1000          | 1.5 / 6.0     | 2m / M5  | GM 6 1000.6-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1000          | 2.0 / 8.0     | 2m / M5  | GM 6 1000.8-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1000          | 2.5 / 10.0    | 2m / M5  | GM 6 1000.10-1 | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1000          | 1.3 / 8.0     | 3m / M6  | GM 8 1000.8-1  | 1          | 05   | 0.3 / 1.6   | 50                | 300 | HF 22             | EF 22                 |
| 1000          | 1.7 / 10.0    | 3m / M6  | GM 8 1000.10-1 | 1          | 05   | 0.33 / 2    | 50                | 300 | HF 22             | EF 22                 |
| 1000          | 2.0 / 12.0    | 3m / M6  | GM 8 1000.12-1 | 1          | 05   | 0.4 / 2.5   | 50                | 300 | HF 22             | EF 22                 |
| 1000          | 2.7 / 16.0    | 2m / M5  | GM 8 1000.16-1 | 1          | 05   | 0.5 / 3     | 40                | 240 | HF 22             | EF 22                 |
| 1250          | 1.0 / 4.0     | 1Am / M4 | GM 4 1250.4-2  | 2          | 05   | 0.22 / 0.9  | 60                | 360 | HF 14             | EF 14                 |
| 1250          | 0.8 / 3.0     | 4m / M7  | GM 6 1250.3-2  | 2          | 1.0  | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1250          | 1.0 / 4.0     | 4m / M7  | GM 6 1250.4-2  | 2          | 1.0  | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1250          | 1.3 / 5.0     | 4m / M7  | GM 6 1250.5-2  | 2          | 1.0  | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1250          | 1.5 / 6.0     | 3m / M6  | GM 6 1250.6-2  | 2          | 1.0  | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1250          | 1.5 / 6.0     | 1Am / M4 | GM 6 1250.6-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1250          | 2.0 / 8.0     | 3m / M6  | GM 6 1250.8-2  | 2          | 1.0  | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1250          | 2.0 / 8.0     | 1Am / M4 | GM 6 1250.8-1  | 1          | 05   | 0.4 / 1.7   | 50                | 300 | HF 14             | EF 14                 |
| 1250          | 1.3 / 8.0     | 3m / M6  | GM 8 1250.8-1  | 1          | 05   | 0.33 / 2    | 50                | 300 | HF 22             | EF 22                 |
| 1250          | 1.7 / 10.0    | 2m / M5  | GM 8 1250.10-1 | 1          | 05   | 0.4 / 2.5   | 40                | 240 | HF 22             | EF 22                 |
| 1250          | 2.0 / 12.0    | 2m / M5  | GM 8 1250.12-1 | 1          | 05   | 0.5 / 3     | 40                | 240 | HF 22             | EF 22                 |

# ABUCompact GM2 to GM8 electric chain hoists

operating voltage 400 V, 50 Hz, 3-phase

| Load capacity | Lifting speed | FEM/ISO  | Model          | Load falls | Hook | Motor     |                   |     | With push trolley | With electric trolley |
|---------------|---------------|----------|----------------|------------|------|-----------|-------------------|-----|-------------------|-----------------------|
| kg            | m/min         |          |                |            |      | kw        | %ED <sup>1)</sup> | c/h | Model             | Model                 |
| 1600          | 0.8 / 3.0     | 3m / M6  | GM 6 1600.3-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 1.0 / 4.0     | 3m / M6  | GM 6 1600.4-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 1.3 / 5.0     | 3m / M6  | GM 6 1600.5-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 1.5 / 6.0     | 2m / M5  | GM 6 1600.6-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 0.7 / 4.0     | 3m / M6  | GM 8 1600.4-2  | 2          | 1.0  | 0.2 / 1.3 | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 0.8 / 5.0     | 3m / M6  | GM 8 1600.5-2  | 2          | 1.0  | 0.3 / 1.6 | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 1.0 / 6.0     | 3m / M6  | GM 8 1600.6-2  | 2          | 1.0  | 0.33 / 2  | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 1.3 / 8.0     | 3m / M6  | GM 8 1600.8-2  | 2          | 1.0  | 0.4 / 2.5 | 50                | 300 | HF 22             | EF 22                 |
| 1600          | 1.3 / 8.0     | 2m / M5  | GM 8 1600.8-1  | 1          | 05   | 0.4 / 2.5 | 40                | 240 | HF 22             | EF 22                 |
| 1600          | 1.7 / 10.0    | 1Am / M4 | GM 8 1600.10-1 | 1          | 05   | 0.5 / 3   | 40                | 240 | HF 22             | EF 22                 |
| 1600          | 1.7 / 10.0    | 2m / M5  | GM 8 1600.10-2 | 2          | 1.0  | 0.5 / 3   | 40                | 240 | HF 22             | EF 22                 |
| 2000          | 0.8 / 3.0     | 2m / M5  | GM 6 2000.3-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 22             | EF 22                 |
| 2000          | 1.0 / 4.0     | 2m / M5  | GM 6 2000.4-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 22             | EF 22                 |
| 2000          | 1.3 / 5.0     | 2m / M5  | GM 6 2000.5-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 22             | EF 22                 |
| 2000          | 0.7 / 4.0     | 3m / M6  | GM 8 2000.4-2  | 2          | 1.0  | 0.3 / 1.6 | 50                | 300 | HF 22             | EF 22                 |
| 2000          | 0.8 / 5.0     | 3m / M6  | GM 8 2000.5-2  | 2          | 1.0  | 0.33 / 2  | 50                | 300 | HF 22             | EF 22                 |
| 2000          | 1.0 / 6.0     | 3m / M6  | GM 8 2000.6-2  | 2          | 1.0  | 0.4 / 2.5 | 50                | 300 | HF 22             | EF 22                 |
| 2000          | 1.3 / 8.0     | 2m / M5  | GM 8 2000.8-2  | 2          | 1.0  | 0.5 / 3   | 40                | 240 | HF 22             | EF 22                 |
| 2000          | 1.3 / 8.0     | 1Am / M4 | GM 8 2000.8-1  | 1          | 05   | 0.5 / 3   | 40                | 240 | HF 22             | EF 22                 |
| 2500          | 0.8 / 3.0     | 1Am / M4 | GM 6 2500.3-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 36             | EF 36                 |
| 2500          | 1.0 / 4.0     | 1Am / M4 | GM 6 2500.4-2  | 2          | 1.0  | 0.4 / 1.7 | 50                | 300 | HF 36             | EF 36                 |
| 2500          | 0.7 / 4.0     | 3m / M6  | GM 8 2500.4-2  | 2          | 1.0  | 0.33 / 2  | 50                | 300 | HF 36             | EF 36                 |
| 2500          | 0.8 / 5.0     | 2m / M5  | GM 8 2500.5-2  | 2          | 1.0  | 0.4 / 2.5 | 40                | 240 | HF 36             | EF 36                 |
| 2500          | 1.0 / 6.0     | 2m / M5  | GM 8 2500.6-2  | 2          | 1.0  | 0.5 / 3   | 40                | 240 | HF 36             | EF 36                 |
| 3200          | 0.7 / 4.0     | 2m / M5  | GM 8 3200.4-2  | 2          | 1.0  | 0.4 / 2.5 | 40                | 240 | HF 36             | EF 36                 |
| 3200          | 0.8 / 5.0     | 1Am / M4 | GM 8 3200.5-2  | 2          | 1.0  | 0.5 / 3   | 40                | 240 | HF 36             | EF 36                 |
| 4000          | 0.7 / 4.0     | 1Am / M4 | GM 8 4000.4-2  | 2          | 1.0  | 0.5 / 3   | 40                | 240 | HF 50             | EF 50                 |

# ABUCompact GMC electric chain hoists

operating voltage 230 V, 50 Hz, 1-phase

| Load capacity | Lifting speed | FEM/ISO   | Model         | Load falls | Hook path          | Hook | Motor |                   |     | With push trolley |
|---------------|---------------|-----------|---------------|------------|--------------------|------|-------|-------------------|-----|-------------------|
| kg            | m/min         |           |               |            | m                  |      | kw    | %ED <sup>1)</sup> | c/h | Model             |
| 100           | 0.7 - 12      | 1 Am / M4 | GMC 100. 12-1 | 1          | 3<br>6<br>10<br>20 | 012  | 0,425 | 50                | 240 | HF 3              |
| 200           | 0.3 - 6       | 1 Am / M4 | GMC 200. 6-2  | 2          | 3<br>6<br>10       | 025  | 0,425 | 50                | 240 | HF 3              |

<sup>1)</sup>Duty cycle, %



## Longer hook paths / control cables

| Model                                                                                      | Load falls | Hook path<br>mm | Chain container size |
|--------------------------------------------------------------------------------------------|------------|-----------------|----------------------|
| <br>GM2   | 1          | 3000 - 4000     | 1                    |
|                                                                                            |            | 5000 - 10000    | 3                    |
|                                                                                            |            | 11000 - 24000   | 4                    |
|                                                                                            |            | 25000 - 32000   | 6                    |
|                                                                                            | 2          | 3000 - 5000     | 3                    |
|                                                                                            |            | 6000 - 12000    | 4                    |
|                                                                                            |            | 13000 - 16000   | 6                    |
| <br>GM4   | 1          | 3000 - 4000     | 3                    |
|                                                                                            |            | 5000 - 10000    | 4                    |
|                                                                                            |            | 11000 - 24000   | 6                    |
|                                                                                            |            | 25000 - 50000   | 7                    |
|                                                                                            | 2          | 3000 - 5000     | 4                    |
|                                                                                            |            | 6000 - 12000    | 6                    |
|                                                                                            |            | 13000 - 25000   | 7                    |
| <br>GM6  | 1          | 3000 - 8000     | 5                    |
|                                                                                            |            | 9000 - 20000    | 6                    |
|                                                                                            |            | 21000 - 35000   | 7                    |
|                                                                                            | 2          | 3000 - 4000     | 5                    |
|                                                                                            |            | 5000 - 10000    | 6                    |
|                                                                                            |            | 11000 - 17500   | 7                    |
| <br>GM8 | 1          | 3000 - 6000     | 7                    |
|                                                                                            |            | 7000 - 16000    | 8                    |
|                                                                                            |            | 17000 - 25000   | 8-600                |
|                                                                                            |            | 26000 - 32000   | 8-800                |
|                                                                                            | 2          | 3000            | 7                    |
|                                                                                            |            | 4000 - 8000     | 8                    |
|                                                                                            |            | 9000 - 12000    | 8-600                |
|                                                                                            |            | 13000 - 16000   | 8-800                |

# Optional extras

## Based on standard hoists:

stationary type, pendant control for lifting/lowering, control from trolley,

operating voltage 3~380-415 V / 50 Hz

GM2, GM4, GM6: direct control

GM8: 48 V semiconductor control

Possible scope of supply:

X Can be supplied as additional equipment, additional charge applies

(Z) Chain hoist with additional housing for extended electric/electronic equipment; For version with frequency converter supplemented by brake resistor; please note larger installation dimensions!

– not available

| Options                                                          |                                            | Electric movements<br>H/S<br>Lifting/lowering<br>H/S/KF<br>Lifting/lowering/<br>trolley travelling | Possible scope of supply |            |            |            | Notes on<br>scopae of supply                                                                                               |
|------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------|------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------|
| (Equipment package)                                              |                                            |                                                                                                    | GM2                      | GM4        | GM6        | GM8        |                                                                                                                            |
| Additional connector plug for auxiliary equipment, 3 ph / N / PE |                                            | H/S                                                                                                | X                        | X          | X          | –          | 5-pole power supply and direct control required                                                                            |
| Connector plug BJS24 for control cable on site                   |                                            | H/S/KF                                                                                             | X                        | X          | X          | X          |                                                                                                                            |
| Electric trolley travelling control extension                    |                                            | H/S/KF                                                                                             | X                        | X          | X          | X          | Pendant control with additional buttons, trolley motor cable, electrical system, GM8 with 48 V semiconductor control       |
| Semiconductor control (HAC)                                      |                                            | H/S                                                                                                | X                        | X          | X          | Standard   | 48 V control voltage                                                                                                       |
|                                                                  |                                            | H/S/KF                                                                                             | X (Z)                    | X          | X          | Standard   |                                                                                                                            |
| Hoist limit switch                                               |                                            |                                                                                                    |                          |            |            |            |                                                                                                                            |
|                                                                  | electronic                                 |                                                                                                    |                          |            |            |            |                                                                                                                            |
|                                                                  | 2 shut-down points                         | H/S                                                                                                | X                        | X          | X          | X          | Pendant control with teach-in button.<br>Alternative: teach-in connector, incl. 48 V semiconductor control                 |
| H/S/KF                                                           |                                            | X (Z)                                                                                              | X (Z)                    | X          | X          |            |                                                                                                                            |
|                                                                  | electromechanic                            |                                                                                                    |                          |            |            |            |                                                                                                                            |
|                                                                  | 2 shut-down points                         | H/S                                                                                                | –                        | X          | X          | X          | Version for external control; supply without control cable and without push button pendant                                 |
| H/S/KF                                                           |                                            | –                                                                                                  | X                        | X          | X          |            |                                                                                                                            |
| 4 shut-down points                                               | H/S                                        | –                                                                                                  | X                        | X          | X          |            |                                                                                                                            |
|                                                                  | H/S/KF                                     | –                                                                                                  | X                        | X          | X          |            |                                                                                                                            |
| ABUliner frequency converter                                     |                                            | H/S                                                                                                | X (Z)                    | X (Z)      | X (Z)      | X (Z)      | Infinitely variable lifting speed, incl. electronic hoist limit switch and hours in service counter                        |
|                                                                  |                                            | H/S/KF                                                                                             | on request               | on request | on request | on request |                                                                                                                            |
| Radio remote control                                             |                                            |                                                                                                    |                          |            |            |            |                                                                                                                            |
|                                                                  | Type Tiger G2<br>Range: up to approx. 50 m | H/S                                                                                                | X                        | X          | X          | X          | incl. 48 V semiconductor control and alarm horn, push button pendant as a back-up controller                               |
|                                                                  |                                            | H/S/KF                                                                                             | X (Z)                    | X          | X          | X          | Infinitely variable lifting speed, trolley travel limit switch and alarm horn; push button pendant as a back-up controller |
| Special voltages                                                 |                                            | H/S<br>H/S/KF                                                                                      | X                        | X          | X          | X          | Additional equipment for special voltages only on request                                                                  |

| Options<br>(individual) | Electric movements<br>H/S<br>Lifting/lowering<br>H/S/KF<br>Lifting/lowering/<br>trolley travelling | Possible scope of supply |     |     |     | Requirements                                                                                       |
|-------------------------|----------------------------------------------------------------------------------------------------|--------------------------|-----|-----|-----|----------------------------------------------------------------------------------------------------|
|                         |                                                                                                    | GM2                      | GM4 | GM6 | GM8 |                                                                                                    |
| Operating hours meter   | H/S<br>H/S/KF                                                                                      | X                        | X   | X   | X   | Only for an operating voltage of<br>380 - 415 V / 50 Hz;<br>for GM2 housing<br>extension necessary |

Possible scope of supply:

X Can be supplied as additional equipment, additional charge applies

(Z) Chain hoist with additional housing for extended electric/electronic equipment; For version with frequency converter supplemented by brake resistor; please note larger installation dimensions!

– not available

Control via operational element on hook (larger C dimensions)

|                        |                 |   |   |   |   |                                                                                                                                                                                     |
|------------------------|-----------------|---|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hook path 3000 mm      | H/S             | X | X | – | – | GM2 with direct control or 48 V semiconductor control;<br>GM4 only with 48 V semiconductor control; Load hook not rotating;<br>Chain hoist single fall<br>max. load capacity 250 kg |
| Hook path 4000 mm      | H/S             | X | X | – | – |                                                                                                                                                                                     |
| Hook path 5000 mm      | H/S             | X | X | – | – |                                                                                                                                                                                     |
| Hook 250 kg, rotatable | Order N° 103427 | X | X | X | X | To complement the operational element                                                                                                                                               |
| Coupling pin 250 kg    | Order N° 82276  | X | X | X | X |                                                                                                                                                                                     |

Safety hook (larger C dimensions)

|             |               |   |   |   |   |  |
|-------------|---------------|---|---|---|---|--|
| Single fall | H/S<br>H/S/KF | X | X | X | X |  |
| Double fall | H/S<br>H/S/KF | X | X | – | – |  |

Retrofitting radio remote control

Chain hoist with 48 V semiconductor or contactor control

|                                            |        |       |   |   |   |                                                           |
|--------------------------------------------|--------|-------|---|---|---|-----------------------------------------------------------|
| Type Tiger G2<br>Range: up to approx. 50 m | H/S    | X     | X | X | X |                                                           |
|                                            | H/S/KF | X (Z) | X | X | X | Trolley travel limit switch required                      |
| Trolley travel limit switch                | H/S/KF | X     | X | X | X | Chain hoist with 48 V semiconductor/<br>contactor control |

Spring reel for use at different operating levels

|                                                |               |   |   |   |   |                                    |
|------------------------------------------------|---------------|---|---|---|---|------------------------------------|
| Extension length 3000 mm<br>Load capacity 6 kg | H/S<br>H/S/KF | X | X | X | X | Fitted directly to the chain hoist |
| Extension length 4500 mm<br>Load capacity 8 kg | H/S<br>H/S/KF | X | X | X | X |                                    |

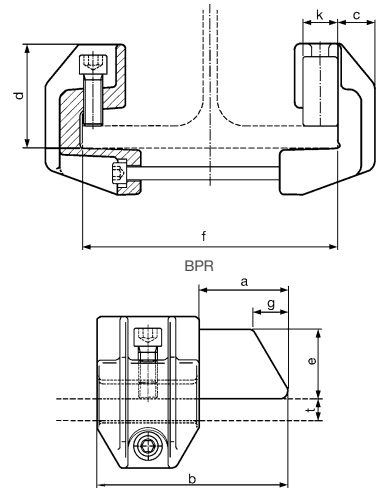
| Reduced equipment                    |               |     |     |     |     | Notes on scope of supply always including main connection plug                                  |
|--------------------------------------|---------------|-----|-----|-----|-----|-------------------------------------------------------------------------------------------------|
| No pendant control, no control cable | H/S<br>H/S/KF | X   | X   | X   | X   | including connector for control cable                                                           |
|                                      |               | X   | X   | X   | X   | without connector for control cable                                                             |
| External control                     | H/S<br>H/S/KF | X   | X   | X   | X   | Version for external control;<br>delivery without control cable,<br>without push button pendant |
| Suspension hooks                     |               | GMC | GM2 | GM4 | GM6 |                                                                                                 |
|                                      |               | X   | X   | X   | X   |                                                                                                 |

# ABUS clamping buffers



Selection table for shaped clamping buffers

| Type<br>Size | Dimensions, mm |    |    |        |    |    |    | Weight<br>kg |
|--------------|----------------|----|----|--------|----|----|----|--------------|
|              | b              | c  | d  | Rubber |    |    | k  |              |
| alpha        | 110            | 20 | 63 | 45     | 40 | 15 | 26 | 2.6          |
| beta         | 170            | 32 | 90 | 80     | 60 | 35 | 30 | 5.9          |

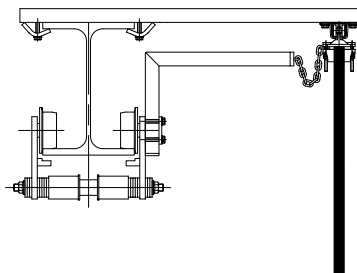


| Type<br>designations | Beam                        |                           | For use with ABUS<br>electric chain hoists | Ref.  |
|----------------------|-----------------------------|---------------------------|--------------------------------------------|-------|
|                      | Flange width<br>range<br>mm | Flange<br>thickness<br>mm |                                            |       |
| alpha                | 64 – 120                    | 5.7 - 20.5                | ≤ 2.5 to                                   | 37329 |
|                      | 121 – 190                   |                           |                                            | 37434 |
|                      | 191 – 243                   |                           |                                            | 37435 |
|                      | 244 – 300                   |                           |                                            | 37443 |
| beta                 | 110 – 160                   | 11.5 - 30                 | ≤ 4 to                                     | 37444 |
|                      | 161 – 230                   |                           |                                            | 37445 |
|                      | 231 – 283                   |                           |                                            | 37446 |
|                      | 284 – 340                   |                           |                                            | 37447 |
|                      | 341 – 405                   |                           |                                            | 37448 |

Can be used with S 235 parallel flanged beams (free from oil and grease) and for trolleys with a max. travel speed of 36 m/min.

**Note:** For buffering a trolley on both sides, 2 clamping buffers are required.

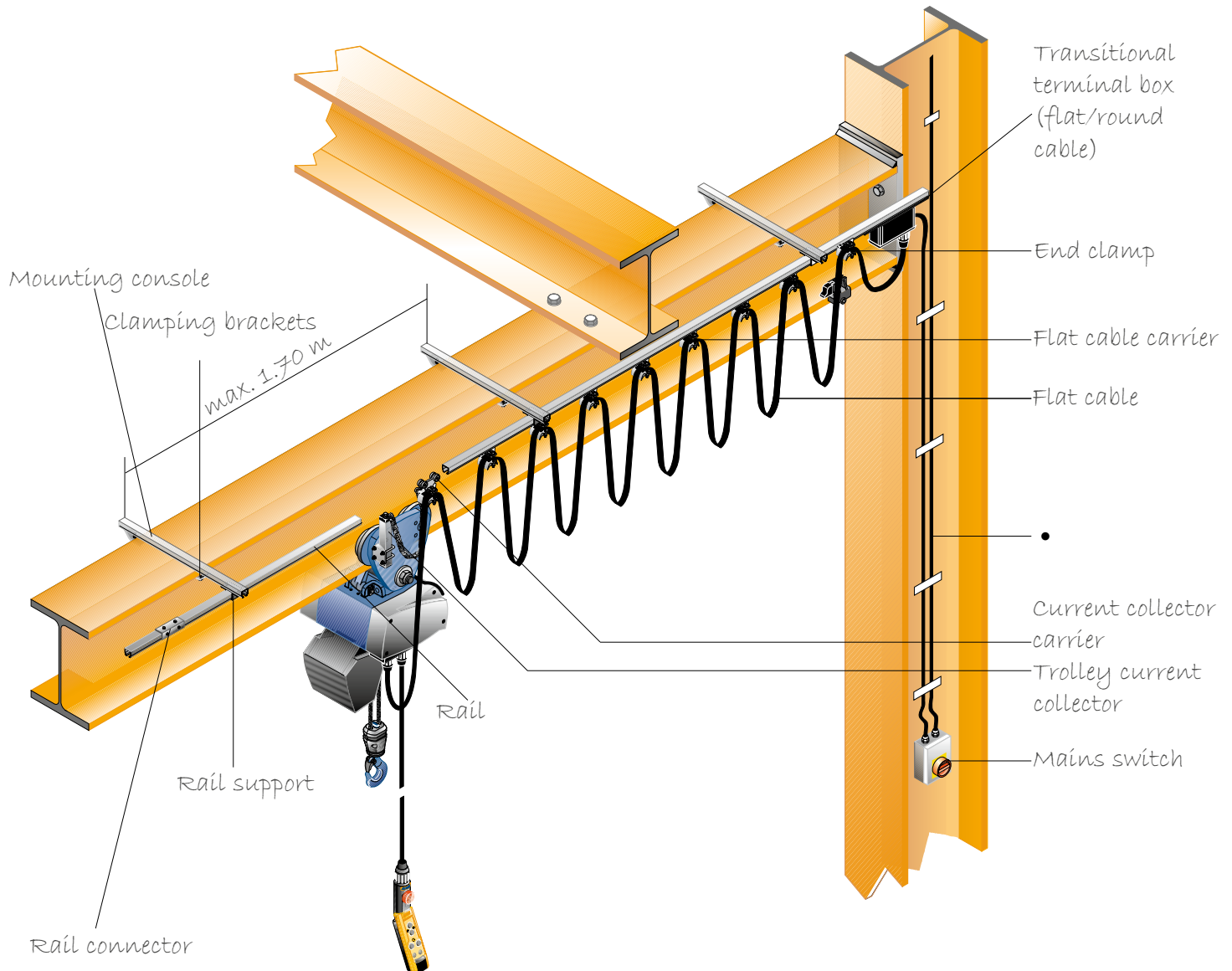
# ABUS trolley current collectors



|                                     | Weight | Order N° |
|-------------------------------------|--------|----------|
| For the festoon power supply system | 3.7 kg | 309728   |
| For the power conductor type KBH    | 2.4 kg | 309729   |

# ABUS festoon power supply system

for track lengths up to 30 m



- The riser cable from the mains switch and cabling from the mains switch to the terminal box, including accessories, are not included in the scope of supply.

The voltage drop must be taken into consideration for the design of the festoon system. The festoon system is prefabricated, i.e. supplied with the flat cable on the cable carriers, current collector carrier and end clamp.

## Fixed components

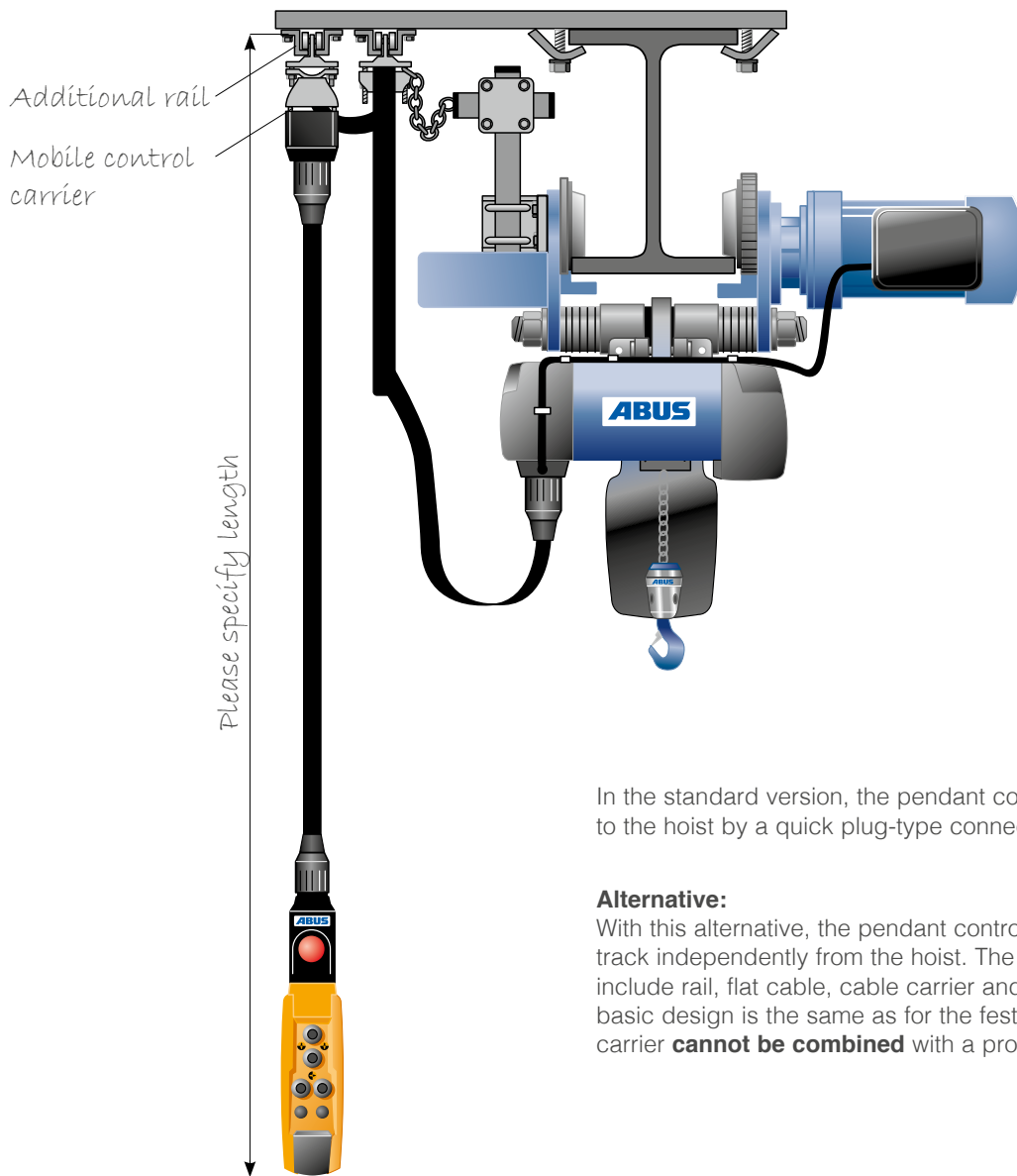
Transitional terminal box, end clamp, current collector carrier, mains switch, trolley current collector

## Length-dependent components

Flat cable carriers, flat cable, rails, rail supports, rail connectors, mounting consoles, clamping brackets

# ABUS power supply system with mobile control

for track lengths up to 30 m



In the standard version, the pendant control is attached directly to the hoist by a quick plug-type connector.

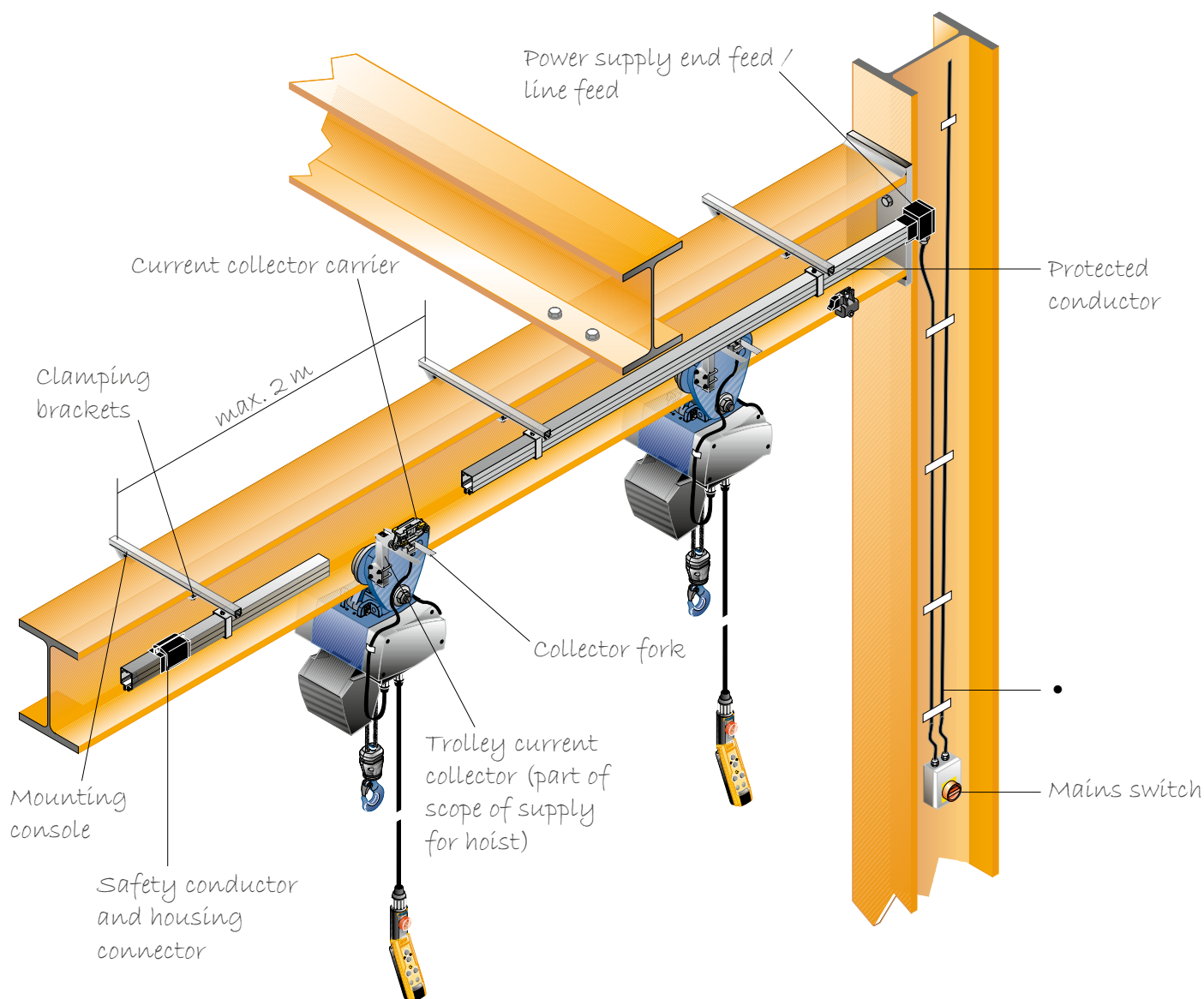
## Alternative:

With this alternative, the pendant control can be moved along the trolley track independently from the hoist. The additional components required include rail, flat cable, cable carrier and control carrier with connector. The basic design is the same as for the festoon cable system. A mobile control carrier **cannot be combined** with a protected conductor system.

| Fixed components                                                                                                    | Length-dependent components                                                                                                                                          |                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Fixed components as for festoon system on page 19, plus: end clamp, mobile control carrier, bolted joints, end stop | Length-dependent components as for festoon system on page 19, plus: additional cable carriers, flat cable, rail supports, rail connectors for mobile control carrier | The voltage drop must be taken into consideration for the design of the system.                                                |
|                                                                                                                     |                                                                                                                                                                      | The system is prefabricated, i.e. supplied with the flat cable on the cable carriers, current collector carrier and end clamp. |



# ABUS safety conductor system



| Fixed components                                                                                                        | Length-dependent components                                            |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| End cap(s), end/line feed, Fixed point suspension, Collector with 2 m connection cable, collector fork and mains switch | Safety conductor, sliding mounts, mounting consoles, clamping brackets |
| Type                                                                                                                    | Type                                                                   |
| KBH 4/63-HS                                                                                                             | KBH 4/63-HS                                                            |
| KBH 5/63-HS                                                                                                             | KBH 5/63-HS                                                            |

Power supply from the centre of the conductor is required if the track length is above 30 m.

- The riser cable from the mains switch and cabling to the power supply point, including accessories, are not included in the scope of supply.

The voltage drop corresponding to the track length must be taken into consideration for the design of the safety conductor system.

# Weights and dimensions

## ABUCompact

Dimensions, ABUCompact GM2 to GM8

| Model             | Width   |          |          | Length  |          |          |          | Height  |          | Suspension bracket |          |         |          |
|-------------------|---------|----------|----------|---------|----------|----------|----------|---------|----------|--------------------|----------|---------|----------|
|                   | B<br>mm | B3<br>mm | B4<br>mm | L<br>mm | L1<br>mm | L2<br>mm | L3<br>mm | H<br>mm | H1<br>mm | D1<br>mm           | H2<br>mm | T<br>mm | B5<br>mm |
| GM2               | 346     | 175      | 171      | 297     | 165      | 132      | 103      | 198     | 129      | 40                 | 69       | 21      | 24       |
| GM4               | 402     | 217      | 185      | 353     | 197      | 156      | 120      | 237     | 158      | 40                 | 79       | 21      | 24       |
| GM6               | 472     | 281      | 191      | 436     | 225      | 211      | 160      | 303     | 196      | 63                 | 107      | 28      | 28       |
| GM8               | 542     | 306      | 236      | 472     | 254      | 218      | 198      | 342     | 235      | 63                 | 107      | 28      | 28       |
| GM8 <sup>1)</sup> | 542     | 306      | 236      | 472     | 254      | 218      | 198      | 372     | 235      | 73                 | 137      | 33      | 28       |

Dimensions, ABUCompact GM2 to GM8 with additional housing

| Model             | Width   |          |          | Length  |          |          |          | Height  |          | Suspension bracket |          |         |          |
|-------------------|---------|----------|----------|---------|----------|----------|----------|---------|----------|--------------------|----------|---------|----------|
|                   | B<br>mm | B3<br>mm | B4<br>mm | L<br>mm | L1<br>mm | L2<br>mm | L3<br>mm | H<br>mm | H1<br>mm | D1<br>mm           | H2<br>mm | T<br>mm | B5<br>mm |
| GM2               | 346     | 175      | 171      | 352     | 220      | 132      | 103      | 198     | 129      | 40                 | 69       | 21      | 24       |
| GM4               | 402     | 217      | 185      | 390     | 234      | 156      | 120      | 237     | 158      | 40                 | 79       | 21      | 24       |
| GM6               | 472     | 281      | 191      | 517     | 306      | 211      | 160      | 303     | 196      | 63                 | 107      | 28      | 28       |
| GM8               | 542     | 306      | 236      | 567     | 349      | 218      | 198      | 342     | 235      | 63                 | 107      | 28      | 28       |
| GM8 <sup>1)</sup> | 542     | 306      | 236      | 567     | 349      | 218      | 198      | 372     | 235      | 73                 | 137      | 33      | 28       |

Dimensions, ABUCompact GM2 to GM8, stationary and with trolley

| Model | Load falls | Hook | Trolley | C<br>mm | C1<br>mm | C3<br>mm | D1<br>mm | D2<br>mm | A3<br>mm |
|-------|------------|------|---------|---------|----------|----------|----------|----------|----------|
| GM2   | 1          | 012  | HF 3    | 348     | 394      | 46       | 40       | 30       | 19       |
| GM2   | 1          | 012  | HF 6    | 348     | 400      | 52.5     | 40       | 30       | 19       |
| GM2   | 1          | 012  | HF 14   | 348     | 416      | 68       | 40       | 30       | 19       |
| GM2   | 1          | 012  | EF 14   | 348     | 416      | 68       | 40       | 30       | 19       |
| GM2   | 1          | 025  | HF 6    | 362     | 414      | 52.5     | 40       | 36       | 25       |
| GM2   | 1          | 025  | HF 14   | 362     | 430      | 68       | 40       | 36       | 25       |
| GM2   | 1          | 025  | EF 14   | 362     | 430      | 68       | 40       | 36       | 25       |
| GM2   | 2          | 05   | HF 3    | 424     | 470      | 46       | 40       | 43       | 31       |
| GM2   | 2          | 05   | HF 6    | 424     | 476      | 52.5     | 40       | 43       | 31       |
| GM2   | 2          | 05   | HF 14   | 424     | 492      | 68       | 40       | 43       | 31       |
| GM2   | 2          | 05   | EF 14   | 424     | 492      | 68       | 40       | 43       | 31       |
| GM4   | 1          | 025  | HF 3    | 400     | 446      | 46       | 40       | 36       | 25       |
| GM4   | 1          | 025  | HF 6    | 400     | 452      | 52.5     | 40       | 36       | 25       |
| GM4   | 1          | 025  | HF 14   | 400     | 468      | 68       | 40       | 36       | 25       |
| GM4   | 1          | 025  | EF 14   | 400     | 468      | 68       | 40       | 36       | 25       |
| GM4   | 2          | 05   | HF 6    | 476     | 528      | 52.5     | 40       | 43       | 31       |
| GM4   | 2          | 05   | HF 14   | 476     | 544      | 68       | 40       | 43       | 31       |
| GM4   | 2          | 05   | EF 14   | 476     | 544      | 68       | 40       | 43       | 31       |
| GM6   | 1          | 05   | HF 14   | 494     | 562      | 68       | 63       | 43       | 31       |
| GM6   | 1          | 05   | EF 14   | 494     | 592      | 68       | 63       | 43       | 31       |
| GM6   | 2          | 1    | HF 22   | 566     | 645      | 79       | 63       | 50       | 34       |
| GM6   | 2          | 1    | EF 22   | 566     | 645      | 79       | 63       | 50       | 34       |
| GM6   | 2          | 1    | HF 36   | 566     | 650      | 84       | 63       | 50       | 34       |
| GM6   | 2          | 1    | EF 36   | 566     | 650      | 84       | 63       | 50       | 34       |
| GM8   | 1          | 05   | HF 22   | 565     | 644      | 79       | 63       | 43       | 31       |
| GM8   | 1          | 05   | EF 22   | 565     | 644      | 79       | 63       | 43       | 31       |
| GM8   | 2          | 1    | HF 22   | 695     | 774      | 79       | 63       | 50       | 34       |
| GM8   | 2          | 1    | EF 22   | 695     | 774      | 79       | 63       | 50       | 34       |
| GM8   | 2          | 1    | HF 36   | 695     | 779      | 84       | 63       | 50       | 34       |
| GM8   | 2          | 1    | EF 36   | 695     | 779      | 84       | 63       | 50       | 34       |
| GM8   | 2          | 1    | HF 50   | 725     | 810      | 85       | 73       | 50       | 34       |
| GM8   | 2          | 1    | EF 50   | 725     | 810      | 85       | 73       | 50       | 34       |

Weights and dimensions dependant on hook path, ABUCompact GM2 to GM8

| Model | Load falls | Hook path | D1<br>mm | H2<br>mm | C2<br>mm | Weight<br>kg |
|-------|------------|-----------|----------|----------|----------|--------------|
| GM2   | 1          | 3000      | 40       | 69       | 365      | 21.8         |
| GM2   | 1          | 4000      | 40       | 69       | 365      | 22.2         |
| GM2   | 1          | 5000      | 40       | 69       | 402      | 22.5         |
| GM2   | 1          | 6000      | 40       | 69       | 402      | 22.8         |
| GM2   | 1          | 8000      | 40       | 69       | 402      | 23.5         |
| GM2   | 1          | 10000     | 40       | 69       | 402      | 24.2         |
| GM2   | 1          | 12000     | 40       | 69       | 498      | 24.9         |
| GM2   | 1          | 16000     | 40       | 69       | 498      | 26.2         |
| GM2   | 1          | 20000     | 40       | 69       | 498      | 27.6         |
| GM2   | 1          | 24000     | 40       | 69       | 498      | 29.0         |
| GM2   | 1          | 32000     | 40       | 69       | 614      | 31.7         |
| GM2   | 2          | 3000      | 40       | 69       | 402      | 24.4         |
| GM2   | 2          | 4000      | 40       | 69       | 402      | 25.1         |
| GM2   | 2          | 5000      | 40       | 69       | 402      | 25.8         |
| GM2   | 2          | 6000      | 40       | 69       | 498      | 26.5         |
| GM2   | 2          | 8000      | 40       | 69       | 498      | 27.8         |
| GM2   | 2          | 10000     | 40       | 69       | 498      | 29.2         |
| GM2   | 2          | 12000     | 40       | 69       | 498      | 30.6         |
| GM2   | 2          | 16000     | 40       | 69       | 614      | 33.3         |
| GM4   | 1          | 3000      | 40       | 79       | 427      | 34.5         |
| GM4   | 1          | 4000      | 40       | 79       | 427      | 35.2         |
| GM4   | 1          | 5000      | 40       | 79       | 527      | 35.8         |
| GM4   | 1          | 6000      | 40       | 79       | 527      | 36.5         |
| GM4   | 1          | 8000      | 40       | 79       | 527      | 37.8         |
| GM4   | 1          | 10000     | 40       | 79       | 527      | 39.1         |
| GM4   | 1          | 12000     | 40       | 79       | 639      | 40.4         |
| GM4   | 1          | 16000     | 40       | 79       | 639      | 43.0         |
| GM4   | 1          | 20000     | 40       | 79       | 639      | 45.6         |
| GM4   | 1          | 24000     | 40       | 79       | 639      | 48.2         |
| GM4   | 1          | 32000     | 40       | 79       | 800      | 53.4         |
| GM4   | 1          | 50000     | 40       | 79       | 800      | 65.1         |
| GM4   | 2          | 3000      | 40       | 79       | 527      | 38.0         |
| GM4   | 2          | 4000      | 40       | 79       | 527      | 39.3         |
| GM4   | 2          | 5000      | 40       | 79       | 527      | 40.6         |
| GM4   | 2          | 6000      | 40       | 79       | 639      | 41.9         |
| GM4   | 2          | 8000      | 40       | 79       | 639      | 44.5         |
| GM4   | 2          | 10000     | 40       | 79       | 639      | 47.1         |
| GM4   | 2          | 12000     | 40       | 79       | 639      | 49.7         |
| GM4   | 2          | 16000     | 40       | 79       | 800      | 54.9         |
| GM4   | 2          | 20000     | 40       | 79       | 800      | 60.1         |
| GM4   | 2          | 25000     | 40       | 79       | 800      | 66.6         |
| GM6   | 1          | 3000      | 63       | 107      | 551      | 57.6         |
| GM6   | 1          | 4000      | 63       | 107      | 551      | 58.9         |
| GM6   | 1          | 5000      | 63       | 107      | 551      | 60.1         |
| GM6   | 1          | 6000      | 63       | 107      | 551      | 61.4         |
| GM6   | 1          | 8000      | 63       | 107      | 551      | 63.8         |
| GM6   | 1          | 10000     | 63       | 107      | 711      | 66.3         |
| GM6   | 1          | 12000     | 63       | 107      | 711      | 68.8         |
| GM6   | 1          | 16000     | 63       | 107      | 711      | 73.8         |
| GM6   | 1          | 20000     | 63       | 107      | 711      | 78.7         |
| GM6   | 1          | 24000     | 63       | 107      | 873      | 83.7         |
| GM6   | 1          | 32000     | 63       | 107      | 873      | 93.6         |
| GM6   | 1          | 35000     | 63       | 107      | 873      | 97.3         |
| GM6   | 2          | 3000      | 63       | 107      | 551      | 62.6         |
| GM6   | 2          | 4000      | 63       | 107      | 551      | 65.1         |
| GM6   | 2          | 5000      | 63       | 107      | 711      | 67.6         |
| GM6   | 2          | 6000      | 63       | 107      | 711      | 70.1         |
| GM6   | 2          | 8000      | 63       | 107      | 711      | 75.0         |
| GM6   | 2          | 10000     | 63       | 107      | 711      | 80.0         |
| GM6   | 2          | 12000     | 63       | 107      | 873      | 85.0         |
| GM6   | 2          | 16000     | 63       | 107      | 873      | 94.9         |
| GM6   | 2          | 17500     | 63       | 107      | 873      | 98.6         |

(fold-out dimensioned sketches on pages 3 and 30)

#### Weights and dimensions dependant on hook path, ABUCompact GM2 to GM8

| Model             | Load falls | Hook path | D1<br>mm | H2<br>mm | C2<br>mm | Weight<br>kg |
|-------------------|------------|-----------|----------|----------|----------|--------------|
| GM8               | 1          | 3000      | 63       | 107      | 818      | 92.3         |
| GM8 <sup>1)</sup> | 1          | 3000      | 73       | 137      | 848      | 92.3         |
| GM8               | 1          | 4000      | 63       | 107      | 818      | 94.5         |
| GM8 <sup>1)</sup> | 1          | 4000      | 73       | 137      | 848      | 94.5         |
| GM8               | 1          | 5000      | 63       | 107      | 818      | 96.8         |
| GM8 <sup>1)</sup> | 1          | 5000      | 73       | 137      | 848      | 96.8         |
| GM8               | 1          | 6000      | 63       | 107      | 818      | 99.1         |
| GM8 <sup>1)</sup> | 1          | 6000      | 73       | 137      | 848      | 99.1         |
| GM8               | 1          | 8000      | 63       | 107      | 818      | 103.6        |
| GM8 <sup>1)</sup> | 1          | 8000      | 73       | 137      | 848      | 103.6        |
| GM8               | 1          | 10000     | 63       | 107      | 818      | 108.2        |
| GM8 <sup>1)</sup> | 1          | 10000     | 73       | 137      | 848      | 108.2        |
| GM8               | 1          | 12000     | 63       | 107      | 818      | 112.7        |
| GM8 <sup>1)</sup> | 1          | 12000     | 73       | 137      | 848      | 112.7        |
| GM8               | 1          | 16000     | 63       | 107      | 818      | 121.8        |
| GM8 <sup>1)</sup> | 1          | 16000     | 73       | 137      | 848      | 121.8        |
| GM8               | 1          | 20000     | 63       | 107      | 968      | 130.9        |
| GM8 <sup>1)</sup> | 1          | 20000     | 73       | 137      | 998      | 130.9        |
| GM8               | 1          | 32000     | 63       | 107      | 1168     | 158.1        |
| GM8 <sup>1)</sup> | 1          | 32000     | 73       | 137      | 1198     | 158.1        |
| GM8               | 2          | 3000      | 63       | 107      | 818      | 101.1        |
| GM8 <sup>1)</sup> | 2          | 3000      | 73       | 137      | 848      | 101.1        |
| GM8               | 2          | 4000      | 63       | 107      | 818      | 105.6        |
| GM8 <sup>1)</sup> | 2          | 4000      | 73       | 137      | 848      | 105.6        |
| GM8               | 2          | 5000      | 63       | 107      | 818      | 110.2        |
| GM8 <sup>1)</sup> | 2          | 5000      | 73       | 137      | 848      | 110.2        |
| GM8               | 2          | 6000      | 63       | 107      | 818      | 114.7        |
| GM8 <sup>1)</sup> | 2          | 6000      | 73       | 137      | 848      | 114.7        |
| GM8               | 2          | 8000      | 63       | 107      | 818      | 123.8        |
| GM8 <sup>1)</sup> | 2          | 8000      | 73       | 137      | 848      | 123.8        |
| GM8               | 2          | 10000     | 63       | 107      | 968      | 132.9        |
| GM8 <sup>1)</sup> | 2          | 10000     | 73       | 137      | 998      | 132.9        |
| GM8               | 2          | 16000     | 63       | 107      | 1168     | 160.1        |
| GM8 <sup>1)</sup> | 2          | 16000     | 73       | 137      | 1198     | 160.1        |

#### Dimensions, ABUCompact GMC

<sup>1)</sup>with EF 50 for load capacity 4000 kg

| Model | Width   |          |          | Length  |          |          |          | Height  |          | Suspension bracket |          |         |          |
|-------|---------|----------|----------|---------|----------|----------|----------|---------|----------|--------------------|----------|---------|----------|
|       | B<br>mm | B3<br>mm | B4<br>mm | L<br>mm | L1<br>mm | L2<br>mm | L3<br>mm | H<br>mm | H1<br>mm | D1<br>mm           | H2<br>mm | T<br>mm | B5<br>mm |
| GMC   | 275     | 115      | 160      | 290     | 175      | 115      | 0        | 196     | 130      | 22                 | 66       | 9       | 18       |

#### Dimensions, ABUCompact GMC, stationary and with trolley

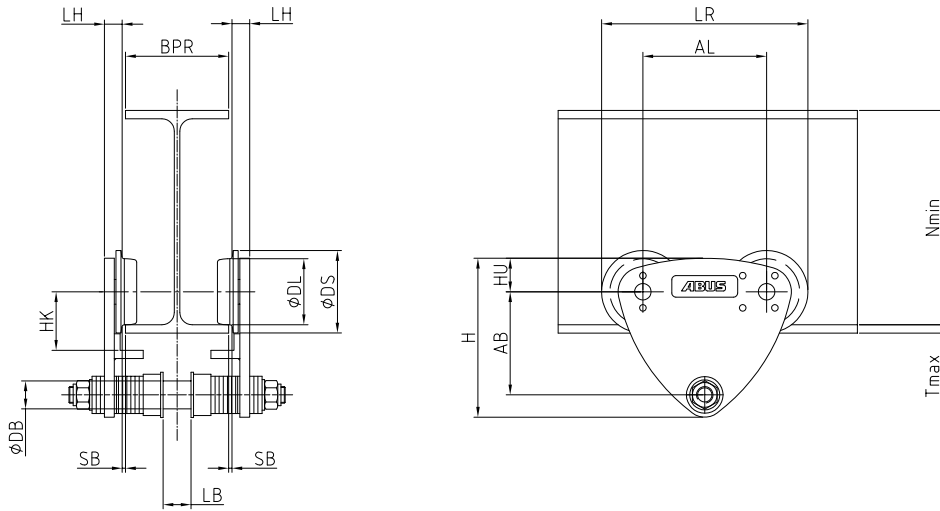
| Model | Load falls | Hook | Trolley | C<br>mm | C1<br>mm | C3<br>mm | D1<br>mm | D2<br>mm | A3<br>mm |
|-------|------------|------|---------|---------|----------|----------|----------|----------|----------|
| GMC   | 1          | 012  | HF 3    | 329     | 375      | 46       | 36       | 30       | 19       |
| GMC   | 2          | 025  | HF 3    | 374     | 420      | 46       | 36       | 36       | 25       |

#### Weights and dimensions dependant on hook path, ABUCompact GMC

| Model | Load falls | Hook path | D1<br>mm | C2<br>mm | Weight<br>kg |
|-------|------------|-----------|----------|----------|--------------|
| GMC   | 1          | 3000      | 22       | 359      | 10.1         |
| GMC   | 1          | 6000      | 22       | 359      | 10.7         |
| GMC   | 1          | 10000     | 22       | 359      | 11.5         |
| GMC   | 1          | 20000     | 22       | 394      | 13.6         |
| GMC   | 2          | 3000      | 22       | 359      | 11.2         |
| GMC   | 2          | 6000      | 22       | 359      | 12.5         |
| GMC   | 2          | 10000     | 22       | 394      | 14.1         |

# Weights and dimensions

## ABUS HF push trolleys



Dimension table, ABUS HF push trolleys

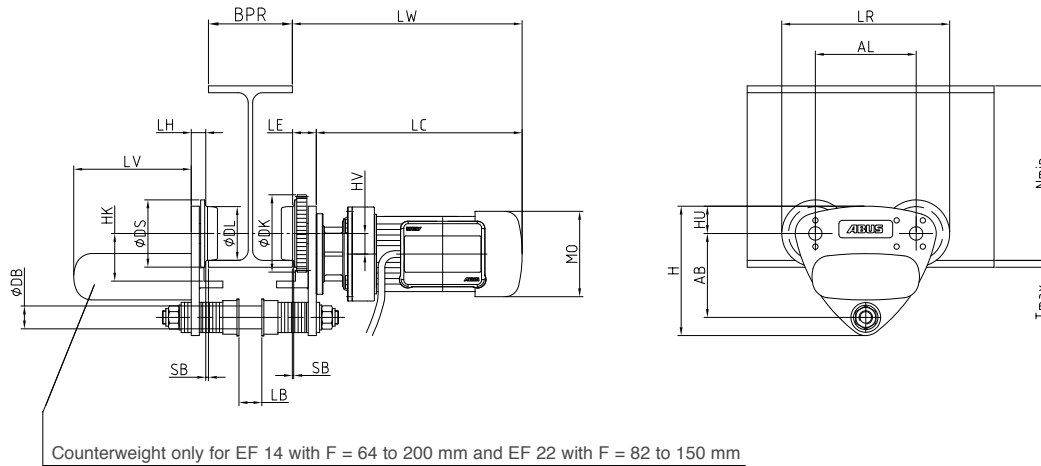
| Model | Flange width<br>BPR | Load capacity | Dimensions |     |     |     |    |     |     |    |    |     |    |              |      |      | Ref.   | Weight |
|-------|---------------------|---------------|------------|-----|-----|-----|----|-----|-----|----|----|-----|----|--------------|------|------|--------|--------|
|       |                     |               | mm         |     |     |     |    |     |     |    |    |     |    |              |      |      |        |        |
|       |                     |               | AL         | AB  | DL  | DS  | DB | H   | HK  | HU | LB | LR  | LH | SB<br>(max.) | Nmin | Tmax |        | kg     |
| HF 3  | 42-120              | 300           | 90         | 85  | 56  | 75  | 22 | 135 | 47  | 29 | 31 | 165 | 17 | 2            | 110  | 20   | 110243 | 3.9    |
| HF 3  | 121-180             | 300           | 90         | 85  | 56  | 75  | 22 | 135 | 47  | 29 | 31 | 165 | 17 | 2            | 110  | 20   | 110244 | 4.4    |
| HF 6  | 42-120              | 580           | 120        | 100 | 65  | 85  | 30 | 153 | 55  | 32 | 32 | 205 | 19 | 2            | 120  | 20   | 110245 | 6.1    |
| HF 6  | 121-220             | 580           | 120        | 100 | 65  | 85  | 30 | 153 | 55  | 32 | 32 | 205 | 19 | 2            | 120  | 20   | 110246 | 6.7    |
| HF 14 | 64-125              | 1400          | 150        | 125 | 80  | 100 | 34 | 193 | 71  | 41 | 33 | 250 | 22 | 2            | 130  | 25   | 74097  | 11     |
| HF 14 | 126-200             | 1400          | 150        | 125 | 80  | 100 | 34 | 193 | 71  | 41 | 33 | 250 | 22 | 2            | 130  | 25   | 74098  | 11.7   |
| HF 14 | 201-300             | 1400          | 150        | 125 | 80  | 100 | 34 | 193 | 71  | 41 | 33 | 250 | 22 | 2            | 130  | 25   | 74099  | 12.6   |
| HF 14 | 301-400             | 1150          | 150        | 125 | 80  | 100 | 34 | 193 | 71  | 41 | 33 | 250 | 22 | 2            | 130  | 25   | 123652 | 13.3   |
| HF 22 | 82-150              | 2200          | 180        | 160 | 112 | 140 | 50 | 236 | 90  | 41 | 42 | 320 | 28 | 2            | 160  | 28   | 110250 | 23.2   |
| HF 22 | 151-200             | 2200          | 180        | 160 | 112 | 140 | 50 | 236 | 90  | 41 | 42 | 320 | 28 | 2            | 160  | 28   | 110251 | 23.9   |
| HF 22 | 201-300             | 2200          | 180        | 160 | 112 | 140 | 50 | 236 | 90  | 41 | 42 | 320 | 28 | 2            | 160  | 28   | 110252 | 25.8   |
| HF 22 | 301-400             | 1800          | 180        | 160 | 112 | 140 | 50 | 236 | 90  | 41 | 42 | 320 | 28 | 2            | 160  | 28   | 123653 | 27.3   |
| HF 36 | 90-155              | 3600          | 180        | 170 | 112 | 140 | 60 | 253 | 90  | 41 | 50 | 320 | 33 | 2            | 160  | 28   | 110253 | 29.7   |
| HF 36 | 156-200             | 3600          | 180        | 170 | 112 | 140 | 60 | 253 | 90  | 41 | 50 | 320 | 33 | 2            | 160  | 28   | 110254 | 30.4   |
| HF 36 | 201-300             | 3600          | 180        | 170 | 112 | 140 | 60 | 253 | 90  | 41 | 50 | 320 | 33 | 2            | 160  | 28   | 110255 | 32.2   |
| HF 36 | 301-400             | 2900          | 180        | 170 | 112 | 140 | 60 | 253 | 90  | 41 | 50 | 320 | 33 | 2            | 160  | 28   | 123654 | 34.4   |
| HF 50 | 100-195             | 5000          | 220        | 190 | 140 | 180 | 70 | 348 | 115 | 90 | 46 | 400 | 54 | 2            | 190  | 40   | 110529 | 65.5   |
| HF 50 | 200-305             | 5000          | 220        | 190 | 140 | 180 | 70 | 348 | 115 | 90 | 44 | 400 | 54 | 2            | 190  | 40   | 110530 | 70.5   |

| Model | Flange width BPR | Minimum bend radius |
|-------|------------------|---------------------|
|       | mm               | mm                  |
| HF 3  | 42 - 70          | 600                 |
|       | 71 - 85          | 700                 |
|       | 86 - 120         | 1000                |
|       | 121 - 180        | 1200                |
| HF 6  | 42 - 70          | 700                 |
|       | 71 - 85          | 800                 |
|       | 86 - 120         | 1100                |
|       | 121 - 180        | 1300                |
| HF 14 | 64 - 90          | 1100                |
|       | 91 - 125         | 1500                |
|       | 126 - 140        | 1700                |
|       | 141 - 200        | 2100                |
| HF 22 | 82 - 125         | 1700                |
|       | 126 - 140        | 2100                |
|       | 141 - 200        | 2200                |
|       | 201 - 300        | 2300                |
| HF 36 | 90 - 125         | 1700                |
|       | 126 - 140        | 2100                |
|       | 141 - 200        | 2200                |
|       | 201 - 300        | 2300                |
| HF 50 | 90 - 125         | 1800                |
|       | 126 - 200        | 2000                |
|       | 201 - 300        | 2200                |
|       |                  |                     |

# Weights and dimensions

## ABUS EF electric trolleys

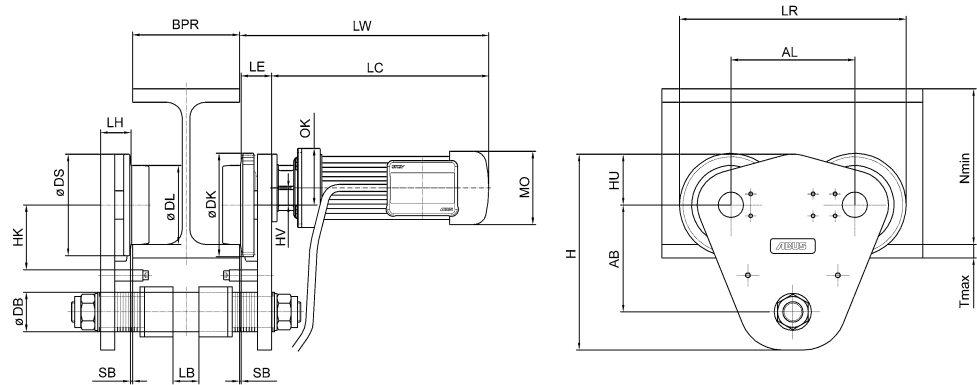
ABUS EF 14 – 36 electric trolleys



Dimension table, ABUS EF electric trolleys

| Model | Flanges<br>width<br>BPR | Load<br>capacity | Travel<br>speed | Rating    | Duty<br>cycle | Dimensions |     |     |     |     |    |     |     |      |    |    |     |  |
|-------|-------------------------|------------------|-----------------|-----------|---------------|------------|-----|-----|-----|-----|----|-----|-----|------|----|----|-----|--|
|       |                         |                  |                 |           |               | mm         |     |     |     |     |    |     |     |      |    |    |     |  |
|       |                         |                  |                 |           |               | AL         | AB  | DL  | DS  | DK  | DB | H   | HK  | HV   | HU | LB | LR  |  |
|       | mm                      | kg               | m/min           | kW        | % ED          |            |     |     |     |     |    |     |     |      |    |    |     |  |
| EF 14 | 64-125                  | 1400             | 5/20            | 0.06/0.25 | 50            | 150        | 125 | 80  | 100 | 115 | 34 | 193 | 71  | 31.5 | 41 | 33 | 265 |  |
| EF 14 | 126-200                 | 1400             | 5/20            | 0.06/0.25 | 50            | 150        | 125 | 80  | 100 | 115 | 34 | 193 | 71  | 31.5 | 41 | 33 | 265 |  |
| EF 14 | 201-300                 | 1400             | 5/20            | 0.06/0.25 | 50            | 150        | 125 | 80  | 100 | 115 | 34 | 193 | 71  | 31.5 | 41 | 33 | 265 |  |
| EF 14 | 301-400                 | 1150             | 5/20            | 0.06/0.25 | 50            | 150        | 125 | 80  | 100 | 115 | 34 | 193 | 71  | 31.5 | 41 | 33 | 265 |  |
| EF 22 | 82-150                  | 2200             | 5/20            | 0.06/0.25 | 50            | 180        | 160 | 112 | 140 | 155 | 50 | 236 | 90  | 47   | 41 | 42 | 335 |  |
| EF 22 | 151-200                 | 2200             | 5/20            | 0.06/0.25 | 50            | 180        | 160 | 112 | 140 | 155 | 50 | 236 | 90  | 47   | 41 | 42 | 335 |  |
| EF 22 | 201-300                 | 2200             | 5/20            | 0.06/0.25 | 50            | 180        | 160 | 112 | 140 | 155 | 50 | 236 | 90  | 47   | 41 | 42 | 335 |  |
| EF 22 | 301-400                 | 1800             | 5/20            | 0.06/0.25 | 50            | 180        | 160 | 112 | 140 | 155 | 50 | 236 | 90  | 47   | 41 | 42 | 335 |  |
| EF 36 | 90-155                  | 3600             | 5/20            | 0.06/0.25 | 50            | 180        | 170 | 112 | 140 | 155 | 60 | 253 | 90  | 47   | 41 | 50 | 335 |  |
| EF 36 | 156-200                 | 3600             | 5/20            | 0.06/0.25 | 50            | 180        | 170 | 112 | 140 | 155 | 60 | 253 | 90  | 47   | 41 | 50 | 335 |  |
| EF 36 | 201-300                 | 3600             | 5/20            | 0.06/0.25 | 50            | 180        | 170 | 112 | 140 | 155 | 60 | 253 | 90  | 47   | 41 | 50 | 335 |  |
| EF 36 | 301-400                 | 2900             | 5/20            | 0.06/0.25 | 50            | 180        | 170 | 112 | 140 | 155 | 60 | 253 | 90  | 47   | 41 | 50 | 335 |  |
| EF 50 | 100-195                 | 5000             | 5/20            | 0.09/0.37 | 50            | 220        | 190 | 140 | 180 | 183 | 70 | 348 | 115 | 30   | 90 | 46 | 403 |  |
| EF 50 | 200-305                 | 5000             | 5/20            | 0.09/0.37 | 50            | 220        | 190 | 140 | 180 | 183 | 70 | 348 | 115 | 30   | 90 | 44 | 403 |  |

ABUS EF 50 electric trolleys



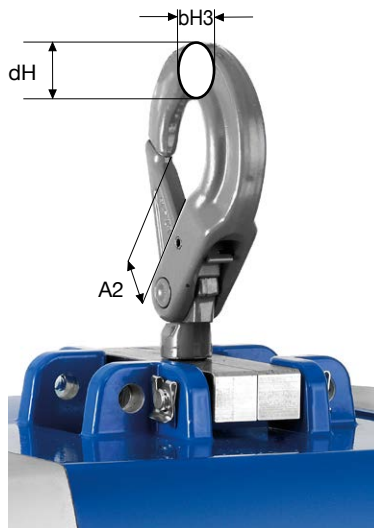
| Dimensions |     |              |    |     |     |     |     |      |      |        | Ref. | Weight |
|------------|-----|--------------|----|-----|-----|-----|-----|------|------|--------|------|--------|
| LH         | LV  | SB<br>(max.) | LE | LW  | LC  | MO  | OK  | Nmin | Tmax |        |      |        |
| mm         |     |              |    |     |     |     |     |      |      |        |      | kg     |
| 22         | 175 | 2            | 34 | 389 | 355 | 140 | -   | 165  | 25   | 124551 |      | 37.1   |
| 22         | 175 | 2            | 34 | 389 | 355 | 140 | -   | 165  | 25   | 124552 |      | 37.8   |
| 22         | 0   | 2            | 34 | 389 | 355 | 140 | -   | 165  | 25   | 124553 |      | 27.1   |
| 22         | 0   | 2            | 34 | 389 | 355 | 140 | -   | 165  | 25   | 124554 |      | 27.8   |
| 28         | 175 | 2            | 39 | 394 | 355 | 140 | -   | 200  | 28   | 124555 |      | 49.4   |
| 28         | 0   | 2            | 39 | 394 | 355 | 140 | -   | 200  | 28   | 124556 |      | 38.6   |
| 28         | 0   | 2            | 39 | 394 | 355 | 140 | -   | 200  | 28   | 124557 |      | 40.5   |
| 28         | 0   | 2            | 39 | 394 | 355 | 140 | -   | 200  | 28   | 124558 |      | 42     |
| 33         | 0   | 2            | 44 | 393 | 349 | 140 | -   | 200  | 28   | 124559 |      | 43.9   |
| 33         | 0   | 2            | 44 | 393 | 349 | 140 | -   | 200  | 28   | 124560 |      | 44.2   |
| 33         | 0   | 2            | 44 | 393 | 349 | 140 | -   | 200  | 28   | 124561 |      | 46.5   |
| 33         | 0   | 2            | 44 | 393 | 349 | 140 | -   | 200  | 28   | 124562 |      | 48.7   |
| 54         | 0   | 2            | 54 | 465 | 411 | 157 | 110 | 230  | 40   | 124563 |      | 87.9   |
| 54         | 0   | 2            | 54 | 465 | 411 | 157 | 110 | 230  | 40   | 124564 |      | 92.9   |

| Model | Flange width<br>BPR | Minimum<br>bend radius |
|-------|---------------------|------------------------|
|       | mm                  | mm                     |
| EF 14 | 64 - 90             | 1100                   |
|       | 91 - 125            | 1500                   |
|       | 126 - 140           | 1700                   |
|       | 141 - 200           | 2100                   |
|       | 201 - 300           | 2250                   |
| EF 22 | 301 - 400           | 2400                   |
|       | 82 - 125            | 1700                   |
|       | 126 - 140           | 2100                   |
|       | 141 - 200           | 2200                   |
|       | 201 - 300           | 2300                   |
| EF 36 | 301 - 400           | 2500                   |
|       | 90 - 125            | 1700                   |
|       | 126 - 140           | 2100                   |
|       | 141 - 200           | 2200                   |
|       | 201 - 300           | 2300                   |
| EF 50 | 301 - 400           | 2500                   |
|       | 90 - 125            | 1800                   |
|       | 126 - 200           | 2000                   |
|       | 201 - 300           | 2200                   |



# Suspension hooks / safety hooks

for use with ABUS electric chain hoists



Suspension hooks



Safety hook

Overview of how to use the suspension hooks

| Model of chain hoist | Maximum load capacity<br>kg | Standard           | Suspension hooks |        |                           |
|----------------------|-----------------------------|--------------------|------------------|--------|---------------------------|
|                      |                             |                    | Type             | Ref.   | Larger C dimensions<br>mm |
| GMC                  | 200                         | suspension bracket | BKT 6-10         | 313237 | 64                        |
| GM2                  | 630                         | suspension bracket | BKT 7/8-10       | 313238 | 80                        |
| GM4                  | 1250                        | suspension bracket | BKT 7/8-10       | 313238 | 70                        |
| GM6                  | 2500                        | suspension bracket | BKT 13-10        | 313239 | 125                       |

Use with ABUS travel trolleys

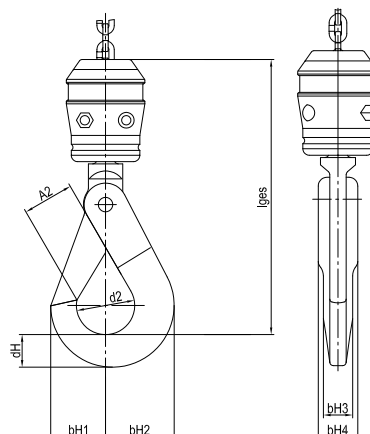
| Model of chain hoist | Ref.   | Possible trolley combinations        |
|----------------------|--------|--------------------------------------|
| GMC                  | 313237 | HF 3                                 |
| GM2                  | 313238 | HF 3 to Tmax = 10 mm, HF 6, EF 14    |
| GM4                  | 313238 | HF 3 to Tmax = 10 mm, HF 6, HF/EF 14 |
| GM6                  | 313239 | HF/EF 14 to Tmax = 15 mm, HF/EF 22   |

How safety hooks can be used with ABUS electric chain hoists

| Model of chain hoist / No. of falls | Maximum load capacity<br>kg | Standard<br>Hook Type | Safety hook |       |                           |            |
|-------------------------------------|-----------------------------|-----------------------|-------------|-------|---------------------------|------------|
|                                     |                             |                       | Type        | Ref.  | Larger C dimensions<br>mm | Iges<br>mm |
| GMC / single fall                   | 100                         | 012                   | BKT 7/8-10  | 76056 | 44                        | 193        |
| GMC / double falls                  | 200                         | 025                   | BKT 7/8-10  | 71859 | 30                        | 193        |
| GM2 / single fall                   | 250                         | 012                   | BKT 7/8-10  | 76056 | 44                        | 193        |
| GM2 / single fall                   | 320                         | 025                   | BKT 7/8-10  | 76056 | 29                        | 193        |
| GM2 / double falls                  | 630                         | 05                    | BKT 7/8-10  | 71860 | 4                         | 227        |
| GM4 / single fall                   | 630                         | 025                   | BKT 7/8-10  | 76056 | 29                        | 193        |
| GM4 / double falls                  | 1250                        | 05                    | BKT 7/8-10  | 71860 | 4                         | 243        |
| GM6 / single fall                   | 1250                        | 05                    | BKT 13-10   | 76057 | 75                        | 278        |
| GM8 / single fall                   | 2000                        | 05                    | BKT 13-10   | 76057 | 75                        | 298        |

Dimensions

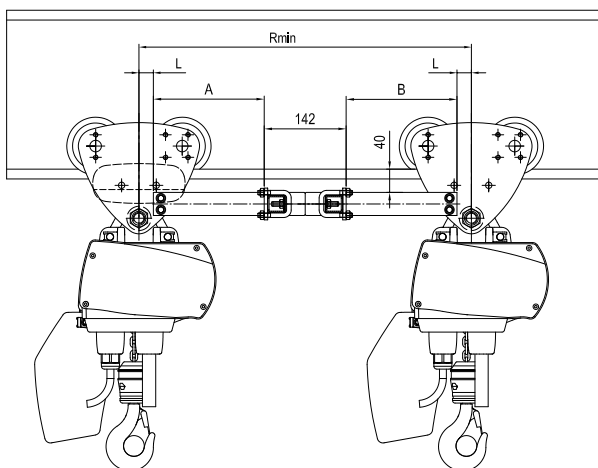
| Type       | Dimensions in mm |     |     |     |     |    |    |
|------------|------------------|-----|-----|-----|-----|----|----|
|            | A2               | bH1 | bH2 | bH3 | bH4 | d2 | dH |
| BKT 6-10   | 28               | 32  | 42  | 16  | 23  | 36 | 21 |
| BKT 7/8-10 | 37               | 38  | 48  | 20  | 28  | 45 | 25 |
| BKT 13-10  | 54               | 59  | 78  | 32  | 37  | 69 | 39 |



Safety hook

# Anti-collision protection

for ABUS trolleys EF/HF



| Trolley type | Chain hoist combination | Distance (mm) |     |      |       |
|--------------|-------------------------|---------------|-----|------|-------|
|              |                         | A             | B   | L    | R min |
| HF 3         | GMC / GMC               | 192           | 192 | 44,5 | 615   |
|              | GMC / GM2               |               |     |      |       |
|              | GMC / GM4               |               |     |      |       |
|              | GM2 / GM2               |               |     |      |       |
|              | GM2 / GM4               |               |     |      |       |
| HF 6         | GM4 / GM4               | 192           | 192 | 54   | 634   |
|              | GM2 / GM4               |               |     |      |       |
|              | GM4 / GM4               |               |     |      |       |
| HF / EF 14   | GM2 / GM2               | 192           | 192 | 25   | 576   |
|              | GM2 / GM4               |               |     |      | 576   |
|              | GM2 / GM6               |               |     |      | 668   |
|              | GM4 / GM4               |               |     |      | 760   |
| HF / EF 22   | GM4 / GM4               | 192           | 192 | 58   | 734   |
|              | GM4 / GM6               | 192           | 284 |      | 734   |
|              | GM6 / GM6               | 284           | 284 |      | 826   |
|              | GM6 / GM6               | 284           | 284 |      | 826   |
| HF / EF 36   | GM6 / GM6               | 192           | 192 | 71   | 668   |
|              | GM6 / GM8               | 192           | 284 |      | 760   |
|              | GM8 / GM8               | 284           | 284 |      | 852   |
| HF / EF 50   | GM8 / GM8               | 192           | 284 | 92   | 802   |

## Application

Mechanical collision protection between two adjacent ABUS trolleys on a trolley support.

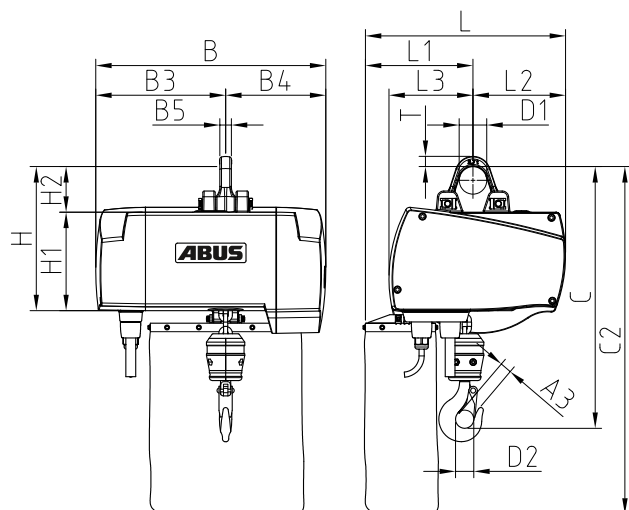
| Flange width | Article number |
|--------------|----------------|
| 42 - 305 mm  | 123209         |
| 306 - 400 mm | 123210         |

Anti-collision protection is required for each trolley and direction of travel.

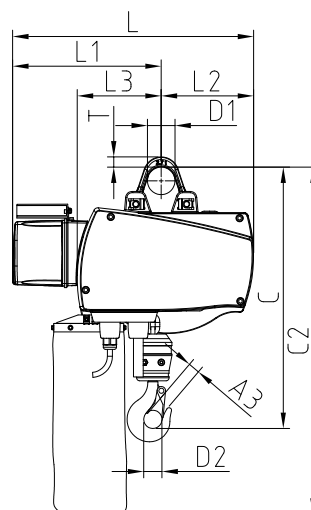
# Dimensioned sketches of chain hoists

## ABUCompact GM6 and GM8

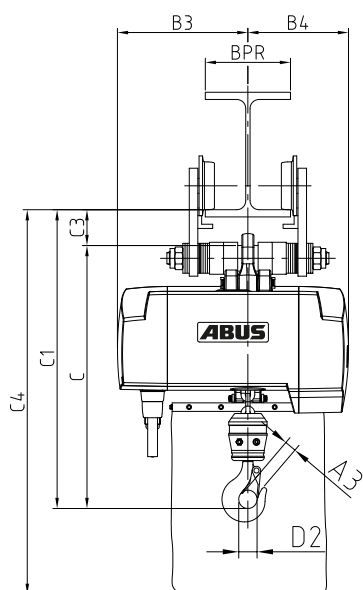
stationary



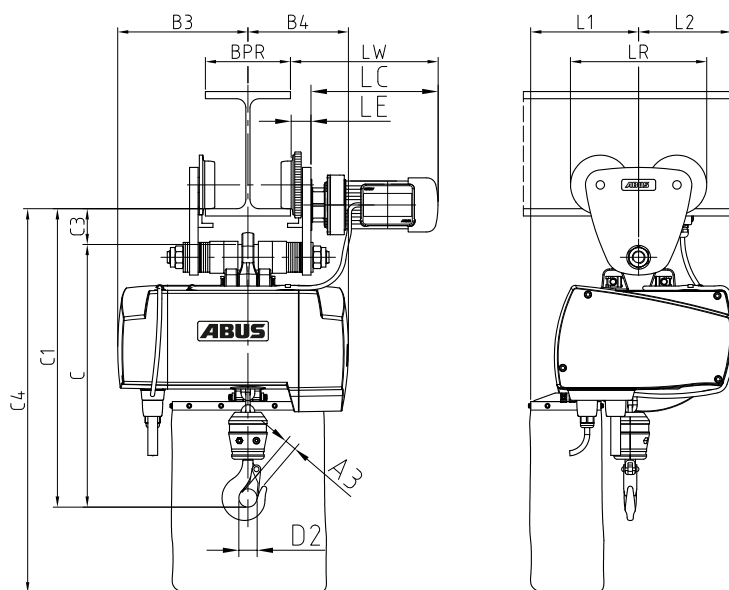
with additional housing  
and brake resistor for frequency converter

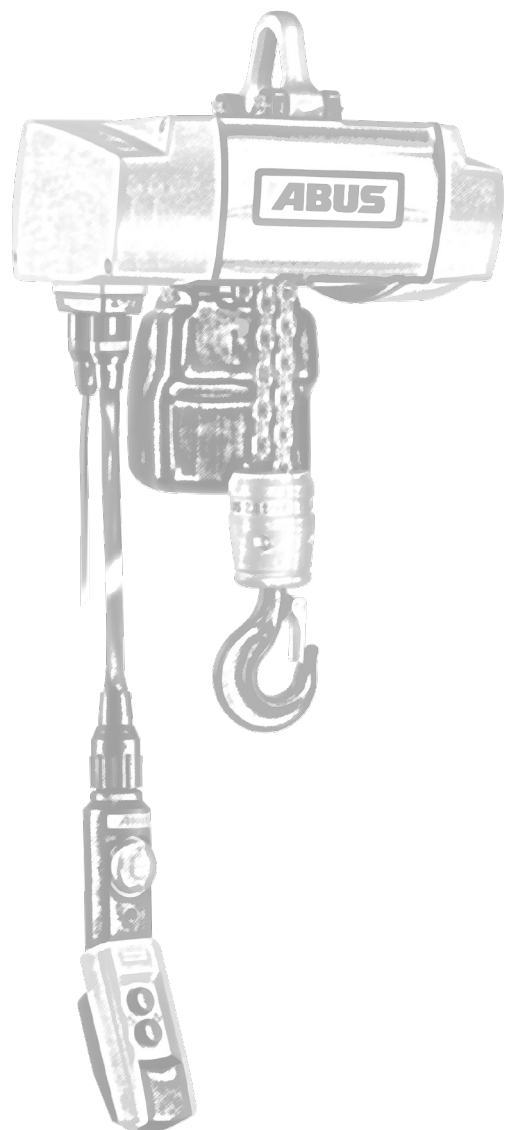
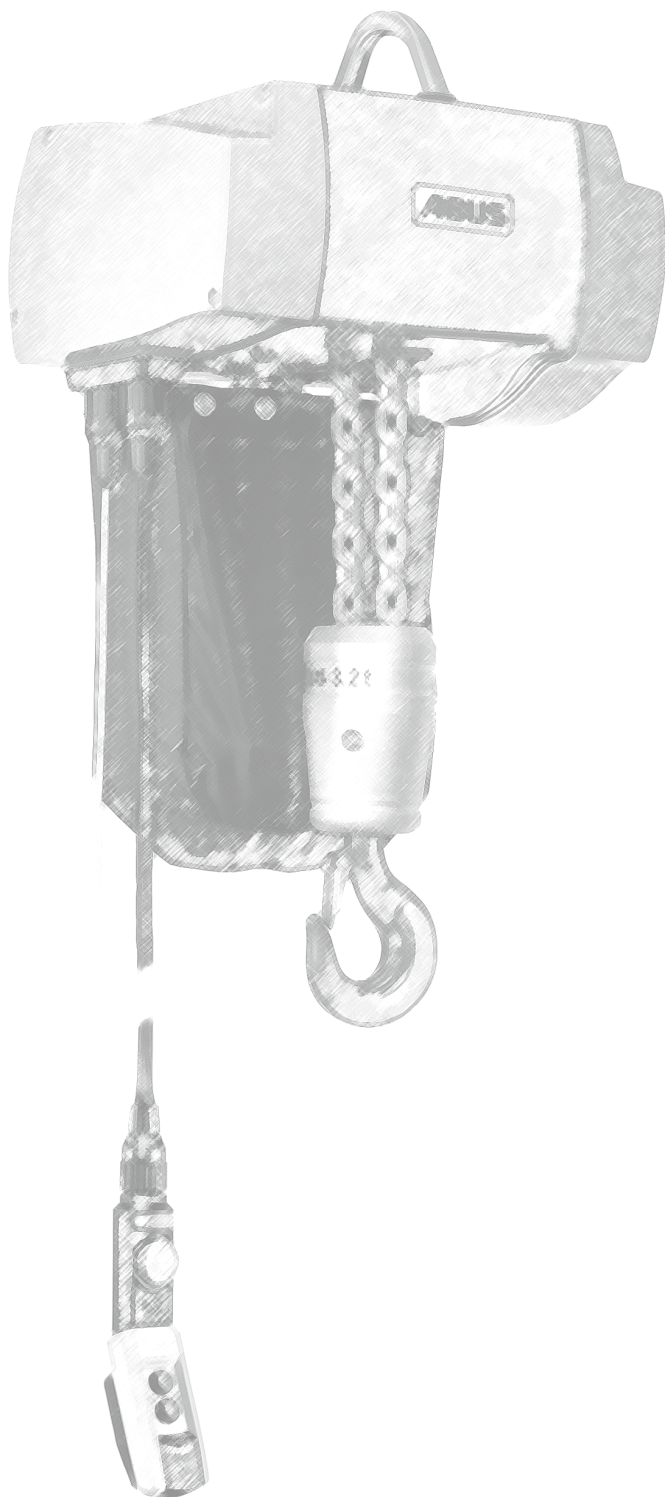


with HF push trolley



with EF electric trolley





Please use the enquiry forms at  
[www.abuscranes.com](http://www.abuscranes.com)

Dimensioned sketches  
ABUCompact GM6 and GM8

Please fold page out



## Further product information...

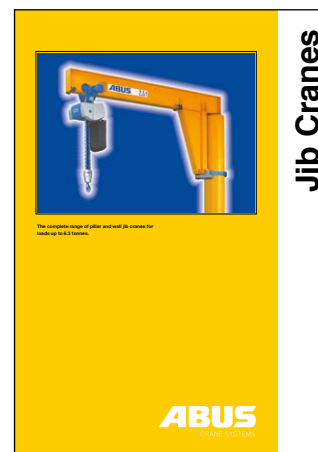
...on ABUS lightweight crane systems and on our entire product range will be gladly forwarded to you.  
You can also view these directly and download them from our homepage.



☐ ABUS Image brochure



☐ The Product Overview



☐ Jib cranes



☐ HB-System



☐ HB support structures



☐ Mobile gantries

**Please send your request**

by fax to: +49 2261 37-130

by email to: [info@abuscranes.com](mailto:info@abuscranes.com)

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Street: \_\_\_\_\_

Postal code/City/Country: \_\_\_\_\_

Telephone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_