

Electric Chain Hoists Elephant Alpha 230 V

Product information



The Elephant Alpha 230 V electric chain hoists are compact and have a very low weight (aluminum housing). Popular hoist due to the high duty cycle in combination with a high lifting speed.

Features

- Slip clutch against overload.
- Self-locking brake that holds the load at any desired height.
- In case of overload, the hooks will gradually bend and do not suddenly break off.
- Galvanized load chain, class DAT (Grade 8).

Type description:

- **ALH** = 1 speed lifting.
- **ALHB** = 2 speed lifting.
- **ALHV** = Variable speed.

Technical specification:

- Insulation class B.
- FEM 9.511 motor: 1Am.
- Power supply 230VAC.
- Protection class IP54
- Control power supply 230VAC direct control.

Standard delivery

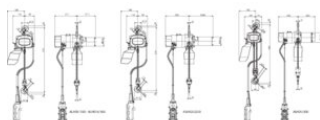
- 3 m lifting height (maximum distance between top and bottom hook).
- 1.8 m control cable, direct control.
- 4 m power cable.
- Plastic chain bucket up to 6 m chain, from 6 m chain plastic bag. [... Read more](#)

Marking: According to standard, CE-marked

Standard: EN 818-7, EN 14492, EN 12100

Electric Chain Hoists Elephant Alpha 230 V

Blueprint



Technical data

| Part code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model | Motor kW | Max. lifting height m | Lifting speed m/min. | Duty rating % ED | Load chain mm | Construction height mm | Weight kg |
|-----------------|---------|------------------|---------------------|-----------------|--------------------|----------|-----------------------|----------------------|------------------|---------------|------------------------|-----------|
| 540100011650204 | 0.1 | 3 | 13/4 | 1 | ALHB/100KG/3M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 15 |
| 540100011090204 | 0.1 | 3 | 1-13 | 1 | ALHV/100KG/3M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 15 |
| 540100011640204 | 0.1 | 3 | 13 | 1 | ALH/100KG/3M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 17 |
| R0513015-4 | 0.1 | 4 | 13/4 | 1 | ALHB/100KG/4M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 17 |
| 540105131014 | 0.1 | 4 | 1-13 | 1 | ALHV/100KG/4M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 17 |
| 540105130054 | 0.1 | 4 | 13 | 1 | ALH/100KG/4M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 19 |
| R0513015-5 | 0.1 | 5 | 13/4 | 1 | ALHB/100KG/5M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 19 |
| 540100011090205 | 0.1 | 5 | 1-13 | 1 | ALHV/100KG/5M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 19 |
| 540100011650206 | 0.1 | 6 | 13/4 | 1 | ALHB/100KG/6M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 21 |
| 540100011090206 | 0.1 | 6 | 1-13 | 1 | ALHV/100KG/6M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 21 |
| 540100011640205 | 0.1 | 5 | 13 | 1 | ALH/100KG/5M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 21 |
| 540100011640206 | 0.1 | 6 | 13 | 1 | ALH/100KG/6M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 23 |
| R0513015-7 | 0.1 | 7 | 13/4 | 1 | ALHB/100KG/7M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 23 |
| 540105131017 | 0.1 | 7 | 1-13 | 1 | ALHV/100KG/7M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 23 |

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Technical data

| Part code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model | Motor kW | Max. lifting height m | Lifting speed m/min. | Duty rating % ED | Load chain mm | Construction height mm | Weight kg |
|-----------------|---------|------------------|---------------------|-----------------|---------------------|----------|-----------------------|----------------------|------------------|---------------|------------------------|-----------|
| 540105130057 | 0.1 | 7 | 13 | 1 | ALH/100KG/7M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 25 |
| R0513015-8 | 0.1 | 8 | 13/4 | 1 | ALHB/100KG/8M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 25 |
| 540100011090207 | 0.1 | 8 | 1-13 | 1 | ALHV/100KG/8M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 25 |
| 540100011640207 | 0.1 | 8 | 13 | 1 | ALH/100KG/8M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 27 |
| R0513015-9 | 0.1 | 9 | 13/4 | 1 | ALHB/100KG/9M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 27 |
| 540105131019 | 0.1 | 9 | 1-13 | 1 | ALHV/100KG/9M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 27 |
| 540105130059 | 0.1 | 9 | 13 | 1 | ALH/100KG/9M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 29 |
| R0513015-10 | 0.1 | 10 | 13/4 | 1 | ALHB/100KG/10M 230V | 0.3 | 30 | 13.0/4.0 | 30 | 4.0 x 12 | 325 | 29 |
| 540100011090208 | 0.1 | 10 | 1-13 | 1 | ALHV/100KG/10M 230V | 0.3 | 30 | 1~13.0 | 30 | 4.0 x 12 | 325 | 29 |
| 540100011640208 | 0.1 | 10 | 13 | 1 | ALH/100KG/10M 230V | 0.3 | 30 | 13 | 30 | 4.0 x 12 | 325 | 31 |
| 540100021680204 | 0.16 | 3 | 15/5 | 1 | ALHB/160KG/3M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 17 |
| 540100021100204 | 0.16 | 3 | 1-15 | 1 | ALHV/160KG/3M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 18 |
| 540100021670204 | 0.16 | 3 | 15 | 1 | ALH/160KG/3M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 19 |
| R0513017-4 | 0.16 | 4 | 15/5 | 1 | ALHB/160KG/4M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 19 |
| 540105131034 | 0.16 | 4 | 1-15 | 1 | ALHV/160KG/4M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 20 |
| 540105130074 | 0.16 | 4 | 15 | 1 | ALH/160KG/4M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 21 |
| R0513017-5 | 0.16 | 5 | 15/5 | 1 | ALHB/160KG/5M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 21 |
| 540100021100205 | 0.16 | 5 | 1-15 | 1 | ALHV/160KG/5M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 22 |
| 540100021680206 | 0.16 | 6 | 15/5 | 1 | ALHB/160KG/6M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 23 |
| R0513007-5 | 0.16 | 5 | 15 | 1 | ALH/160KG/5M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 23 |

Electric Chain Hoists Elephant Alpha 230 V

Technical data

| Part code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model | Motor kW | Max. lifting height m | Lifting speed m/min. | Duty rating % ED | Load chain mm | Construction height mm | Weight kg |
|-----------------|---------|------------------|---------------------|-----------------|---------------------|----------|-----------------------|----------------------|------------------|---------------|------------------------|-----------|
| 540100021100206 | 0.16 | 6 | 1-15 | 1 | ALHV/160KG/6M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 24 |
| 540100021670206 | 0.16 | 6 | 15 | 1 | ALH/160KG/6M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 25 |
| 540105130177 | 0.16 | 7 | 15/5 | 1 | ALHB/160KG/7M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 25 |
| 540105131037 | 0.16 | 7 | 1-15 | 1 | ALHV/160KG/7M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 26 |
| R0513007-7 | 0.16 | 7 | 15 | 1 | ALH/160KG/7M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 27 |
| 540100021680207 | 0.16 | 8 | 15/5 | 1 | ALHB/160KG/8M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 27 |
| 540100021100207 | 0.16 | 8 | 1-15 | 1 | ALHV/160KG/8M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 28 |
| R0513007-8 | 0.16 | 8 | 15 | 1 | ALH/160KG/8M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 29 |
| 540105130179 | 0.16 | 9 | 15/5 | 1 | ALHB/160KG/9M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 29 |
| 540105131039 | 0.16 | 9 | 1-15 | 1 | ALHV/160KG/9M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 30 |
| R0513007-9 | 0.16 | 9 | 15 | 1 | ALH/160KG/9M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 31 |
| R0513017-10 | 0.16 | 10 | 15/5 | 1 | ALHB/160KG/10M 230V | 0.6 | 30 | 15.0/5.0 | 30 | 4.0 x 12 | 325 | 31 |
| 540100021100208 | 0.16 | 10 | 1-15 | 1 | ALHV/160KG/10M 230V | 0.6 | 30 | 1~15 | 30 | 4.0 x 12 | 325 | 32 |
| 540100021670208 | 0.16 | 10 | 15 | 1 | ALH/160KG/10M 230V | 0.6 | 30 | 15 | 30 | 4.0 x 12 | 325 | 33 |
| 540100031520204 | 0.25 | 3 | 10 | 1 | ALH/250KG/3M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 17 |
| 540100031550204 | 0.25 | 3 | 10/4 | 1 | ALHB/250KG/3M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 17 |
| 540100031070204 | 0.25 | 3 | 1-10 | 1 | ALHV/250KG/3M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 18 |
| R0513009-4 | 0.25 | 4 | 10 | 1 | ALH/250KG/4M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 19 |
| 540105130194 | 0.25 | 4 | 10/4 | 1 | ALHB/250KG/4M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 19 |
| 540105131054 | 0.25 | 4 | 1-10 | 1 | ALHV/250KG/4M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 20 |

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Technical data

| Part code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model | Motor kW | Max. lifting height m | Lifting speed m/min. | Duty rating % ED | Load chain mm | Construction height mm | Weight kg |
|-----------------|---------|------------------|---------------------|-----------------|---------------------|----------|-----------------------|----------------------|------------------|---------------|------------------------|-----------|
| R0513009-5 | 0.25 | 5 | 10 | 1 | ALH/250KG/5M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 21 |
| 540100031550205 | 0.25 | 5 | 10/4 | 1 | ALHB/250KG/5M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 21 |
| 540100031070205 | 0.25 | 5 | 1-10 | 1 | ALHV/250KG/5M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 22 |
| 540100031520206 | 0.25 | 6 | 10 | 1 | ALH/250KG/6M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 23 |
| 540100031550206 | 0.25 | 6 | 10/4 | 1 | ALHB/250KG/6M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 23 |
| 540100031070206 | 0.25 | 6 | 1-10 | 1 | ALHV/250KG/6M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 24 |
| R0513009-7 | 0.25 | 7 | 10 | 1 | ALH/250KG/7M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 25 |
| 540105130197 | 0.25 | 7 | 10/4 | 1 | ALHB/250KG/7M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 25 |
| 540105131057 | 0.25 | 7 | 1-10 | 1 | ALHV/250KG/7M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 26 |
| R0513009-8 | 0.25 | 8 | 10 | 1 | ALH/250KG/8M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 27 |
| 540100031550207 | 0.25 | 8 | 10/4 | 1 | ALHB/250KG/8M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 27 |
| 540100031070207 | 0.25 | 8 | 1-10 | 1 | ALHV/250KG/8M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 28 |
| R0513009-9 | 0.25 | 9 | 10 | 1 | ALH/250KG/9M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 29 |
| 540105130199 | 0.25 | 9 | 10/4 | 1 | ALHB/250KG/9M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 29 |
| 540105131059 | 0.25 | 9 | 1-10 | 1 | ALHV/250KG/9M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 30 |
| R0513009-10 | 0.25 | 10 | 10 | 1 | ALH/250KG/10M 230V | 0.6 | 30 | 10 | 30 | 4.0 x 12 | 325 | 31 |
| 540100031550208 | 0.25 | 10 | 10/4 | 1 | ALHB/250KG/10M 230V | 0.6 | 30 | 10.0/4.0 | 30 | 4.0 x 12 | 325 | 31 |
| 540100031070208 | 0.25 | 10 | 1-10 | 1 | ALHV/250KG/10M 230V | 0.6 | 30 | 1~10.0 | 30 | 4.0 x 12 | 325 | 32 |
| 540100052290204 | 0.5 | 3 | 5 | 2 | ALH/500KG/3M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 18 |
| 540100052310204 | 0.5 | 3 | 5/2 | 2 | ALHB/500KG/3M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 18 |

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Technical data

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|-----------------|---------|------------------|---------------------|-----------------|--------------------|----------|-----------------------|----------------------|------------------|---------------|------------------------|-----------|
| 540100052060204 | 0.5 | 3 | 0,5-5 | 2 | ALHV/500KG/3M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 18 |
| R0513011-4 | 0.5 | 4 | 5 | 2 | ALH/500KG/4M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 20 |
| 540105130214 | 0.5 | 4 | 5/2 | 2 | ALHB/500KG/4M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 20 |
| 540105131074 | 0.5 | 4 | 0,5-5 | 2 | ALHV/500KG/4M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 20 |
| R0513011-5 | 0.5 | 5 | 5 | 2 | ALH/500KG/5M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 22 |
| 540100052310205 | 0.5 | 5 | 5/2 | 2 | ALHB/500KG/5M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 22 |
| 540100052060205 | 0.5 | 5 | 0,5-5 | 2 | ALHV/500KG/5M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 22 |
| 540100052290206 | 0.5 | 6 | 5 | 2 | ALH/500KG/6M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 24 |
| 540100052310206 | 0.5 | 6 | 5/2 | 2 | ALHB/500KG/6M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 24 |
| 540100052060206 | 0.5 | 6 | 0,5-5 | 2 | ALHV/500KG/6M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 24 |
| R0513011-7 | 0.5 | 7 | 5 | 2 | ALH/500KG/7M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 26 |
| 540105130217 | 0.5 | 7 | 5/2 | 2 | ALHB/500KG/7M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 26 |
| 540105131077 | 0.5 | 7 | 0,5-5 | 2 | ALHV/500KG/7M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 26 |
| R0513011-8 | 0.5 | 8 | 5 | 2 | ALH/500KG/8M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 28 |
| 540100052310207 | 0.5 | 8 | 5/2 | 2 | ALHB/500KG/8M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 28 |
| 540100052060207 | 0.5 | 8 | 0,5-5 | 2 | ALHV/500KG/8M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 28 |
| R0513011-9 | 0.5 | 9 | 5 | 2 | ALH/500KG/9M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 30 |
| 540105130219 | 0.5 | 9 | 5/2 | 2 | ALHB/500KG/9M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 30 |
| 540105131079 | 0.5 | 9 | 0,5-5 | 2 | ALHV/500KG/9M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 30 |
| R0513011-10 | 0.5 | 10 | 5 | 2 | ALH/500KG/10M 230V | 0.6 | 15 | 5 | 30 | 4.0 x 12 | 415 | 32 |

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Technical data

| Part code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model | Motor kW | Max. lifting height m | Lifting speed m/min. | Duty rating % ED | Load chain mm | Construction height mm | Weight kg |
|-----------------|---------|------------------|---------------------|-----------------|---------------------|----------|-----------------------|----------------------|------------------|---------------|------------------------|-----------|
| 540100052310208 | 0.5 | 10 | 5/2 | 2 | ALHB/500KG/10M 230V | 0.6 | 15 | 5.0/2.0 | 30 | 4.0 x 12 | 415 | 32 |
| 540100052060208 | 0.5 | 10 | 0,5-5 | 2 | ALHV/500KG/10M 230V | 0.6 | 15 | 0.5-5.0 | 30 | 4.0 x 12 | 415 | 32 |