Lifting Solutions Group
Axel Johnson International

# Electric Chain Hoist Elephant FBH 400 V 2 speed

**Product information**

The 400 V electric chain hoists are extremely solid and have a robust sheet steel housing. Very popular as it is ready to use with limit switches, 24 V control voltage, controlunit and plug connections. The high duty cycle and high lifting speed ensure trouble-free operation and a long service life.

**Properties**

- Slip clutch against overload.
- Brake that holds the load at any desired height.
- Limit switches for highest and lowest hook positions.
- Operation 24 Volt control voltage.
- Power and control cables are equipped with plug connection.
- Phase protection against incorrect rotation of the motor.
- Galvanized load chain, Class DAT (Grade 8).
- Operating voltage 400 VAC / 50 Hz.
- In case of overload, the hooks will gradually bend and do not suddenly break off.
- 2 speed.

**Standard delivery**

- 3 m lifting height (maximum distance between top and bottom hook).
- 1.8 m control cable.
- Limit switches highest and lowest hook position.
- Push-button 24 V control unit.
- 4 m power cable.
- Plastic chain bucket for 3 m lifting height.
- Trolley not included.

... *Read more*

**Marking:** According to standard, CE-mark
**Standard:** EN 12100, EN 14492, EN 818-7

**Traction Levage**
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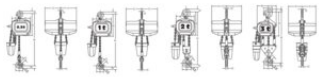
## Blueprint



## Technical data

| Part code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model | Operation voltage (V) | Motor kW | Max. lifting height m | Protection | Duty rating % ED | Duty group of hoist FEM 9.511 | Load chain mm | Construction height mm | A mm | B mm | C mm | D mm | H mm | K mm | L mm | M mm | N mm | O mm | Isolation class mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 540100051420194 | 0.5 | 3 | 7/1,8 | 1 | FBH/500KG/3M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 43 |
| 540105120014 | 0.5 | 4 | 7/1,8 | 1 | FBH/500KG/4M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 45 |
| 540100051420195 | 0.5 | 5 | 7/1,8 | 1 | FBH/500KG/5M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 47 |
| 540100051420196 | 0.5 | 6 | 7/1,8 | 1 | FBH/500KG/6M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 49 |
| 540105120017 | 0.5 | 7 | 7/1,8 | 1 | FBH/500KG/7M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 51 |
| 540100051420197 | 0.5 | 8 | 7/1,8 | 1 | FBH/500KG/8M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 52 |
| 540105120019 | 0.5 | 9 | 7/1,8 | 1 | FBH/500KG/9M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 54 |
| 540100051420198 | 0.5 | 10 | 7/1,8 | 1 | FBH/500KG/10M | 400 | 0.9/0.25 | 30 | IP54 | 40/20 | 1AM | 6.3 x 19.1 | 480 | 161 | 124 | 224 | 311 | 480 | 36 | 26 | 86 | 24 | 19 | E | 56 |
| 540100101440194 | 1 | 3 | 7,6/1,9 | 1 | FBH/1000KG/3M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 58 |
| 540105120034 | 1 | 4 | 7,6/1,9 | 1 | FBH/1000KG/4M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 60 |
| 540100101440195 | 1 | 5 | 7,6/1,9 | 1 | FBH/1000KG/5M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 62 |
| 540100101440196 | 1 | 6 | 7,6/1,9 | 1 | FBH/1000KG/6M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 63 |
| 540105120037 | 1 | 7 | 7,6/1,9 | 1 | FBH/1000KG/7M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 64 |
| 540100101440197 | 1 | 8 | 7,6/1,9 | 1 | FBH/1000KG/8M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 66 |
| 540105120039 | 1 | 9 | 7,6/1,9 | 1 | FBH/1000KG/9M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 68 |
| 540100101440198 | 1 | 10 | 7,6/1,9 | 1 | FBH/1000KG/10M | 400 | 1.6/0.4 | 30 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 570 | 170 | 128 | 239 | 348 | 570 | 43 | 33 | 107 | 31 | 23 | E | 70 |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## Technical data

| Part code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model | Operation voltage (V) | Motor kW | Max. lifting height m | Protection | Duty rating % ED | Duty group of hoist FEM 9.511 | Load chain mm | Construction height mm | A mm | B mm | C mm | D mm | H mm | K mm | L mm | M mm | N mm | O mm | Isolation class mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 540100102230198 | 1 | 10 | 3,8/1 | 2 | FBH/2000KG/10M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 79 |
| 540100202230194 | 2 | 3 | 3,8/1 | 2 | FBH/2000KG/3M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 64 |
| 540105120054 | 2 | 4 | 3,8/1 | 2 | FBH/2000KG/4M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 66 |
| 540100202230195 | 2 | 5 | 3,8/1 | 2 | FBH/2000KG/5M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 68 |
| 540100202230196 | 2 | 6 | 3,8/1 | 2 | FBH/2000KG/6M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 70 |
| 540105120057 | 2 | 7 | 3,8/1 | 2 | FBH/2000KG/7M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 73 |
| 540100202230197 | 2 | 8 | 3,8/1 | 2 | FBH/2000KG/8M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 75 |
| 540105120059 | 2 | 9 | 3,8/1 | 2 | FBH/2000KG/9M | 400 | 1.6/0.4 | 15 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 710 | 133 | 165 | 239 | 372 | 710 | 53 | 42 | 144 | 44 | 30 | E | 77 |
| 540100203150198 | 2 | 10 | 2,5/0,6 | 3 | FBH/3000KG/10M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 106 |
| 540100303150194 | 3 | 3 | 2,5/0,6 | 3 | FBH/3000KG/3M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 78 |
| 540105120074 | 3 | 4 | 2,5/0,6 | 3 | FBH/3000KG/4M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 82 |
| 540100303150195 | 3 | 5 | 2,5/0,6 | 3 | FBH/3000KG/5M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 86 |
| 540100303150196 | 3 | 6 | 2,5/0,6 | 3 | FBH/3000KG/6M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 90 |
| 540105120077 | 3 | 7 | 2,5/0,6 | 3 | FBH/3000KG/7M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 94 |
| 540100303150197 | 3 | 8 | 2,5/0,6 | 3 | FBH/3000KG/8M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 98 |
| 540105120079 | 3 | 9 | 2,5/0,6 | 3 | FBH/3000KG/9M | 400 | 1.6/0.4 | 10 | IP54 | 40/20 | 1Am | 7.1 x 21.2 | 810 | 148 | 208 | 239 | 427 | 810 | 60 | 50 | 165 | 49 | 35 | E | 102 |


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