

## Electric Chain Hoist Elephant FAH 400 V 1 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, control unit and plug connections. The high duty cycle and high lifting speed ensure trouble-free operation and a long service life.

#### Features

- 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.
- 1 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.

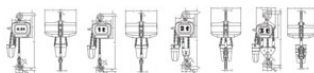
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**Marking:** According to standard, CE-marked

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

## Electric Chain Hoist Elephant FAH 400 V 1 speed

### 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 | Mmm mm | Nmm mm | Omm mm | Isolation class mm | Weight kg |
|-----------------|---------|------------------|---------------------|-----------------|----------------|-----------------------|----------|-----------------------|------------|------------------|-------------------------------|---------------|------------------------|------|------|------|------|------|------|------|--------|--------|--------|--------------------|-----------|
| 540100051410184 | 0.5     | 3                | 7                   | 1               | FAH/500KG/3M   | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 43        |
| 540105150014    | 0.5     | 4                | 7                   | 1               | FAH/500KG/4M   | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 45        |
| 540100051410185 | 0.5     | 5                | 7                   | 1               | FAH/500KG/5M   | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 47        |
| 540100051410186 | 0.5     | 6                | 7                   | 1               | FAH/500KG/6M   | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 49        |
| 540105150017    | 0.5     | 7                | 7                   | 1               | FAH/500KG/7M   | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 51        |
| 540100051410187 | 0.5     | 8                | 7                   | 1               | FAH/500KG/8M   | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 53        |
| 540105150019    | 0.5     | 9                | 7                   | 1               | FAH/500KG/9M   | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 55        |
| 540100051410188 | 0.5     | 10               | 7                   | 1               | FAH/500KG/10M  | 400                   | 0.9      | 30                    | IP54       | 40               | 1Am                           | 6.3 x 19.1    | 480                    | 161  | 124  | 224  | 311  | 480  | 36   | 26   | 86     | 24     | 19     | E                  | 57        |
| 540100101430184 | 1       | 3                | 7,6                 | 1               | FAH/1000KG/3M  | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 58        |
| 540105150034    | 1       | 4                | 7,6                 | 1               | FAH/1000KG/4M  | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 60        |
| 540100101430185 | 1       | 5                | 7,6                 | 1               | FAH/1000KG/5M  | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 62        |
| 540100101430186 | 1       | 6                | 7,6                 | 1               | FAH/1000KG/6M  | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 63        |
| 540105150037    | 1       | 7                | 7,6                 | 1               | FAH/1000KG/7M  | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 64        |
| 540100101430187 | 1       | 8                | 7,6                 | 1               | FAH/1000KG/8M  | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 66        |
| 540105150039    | 1       | 9                | 7,6                 | 1               | FAH/1000KG/9M  | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 68        |
| 540100101430188 | 1       | 10               | 7,6                 | 1               | FAH/1000KG/10M | 400                   | 1.6      | 30                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 570                    | 170  | 128  | 239  | 348  | 570  | 43   | 33   | 107    | 31     | 23     | E                  | 70        |

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| 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 | Mmm mm | Nmm mm | Omm mm | Isolation class mm | Weight kg |
|-----------------|---------|------------------|---------------------|-----------------|----------------|-----------------------|----------|-----------------------|------------|------------------|-------------------------------|---------------|------------------------|------|------|------|------|------|------|------|--------|--------|--------|--------------------|-----------|
| 540100202220184 | 2       | 3                | 3,8                 | 2               | FAH/2000KG/3M  | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 64        |
| 540105150054    | 2       | 4                | 3,8                 | 2               | FAH/2000KG/4M  | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 67        |
| 540100202220185 | 2       | 5                | 3,8                 | 2               | FAH/2000KG/5M  | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 70        |
| 540100202220186 | 2       | 6                | 3,8                 | 2               | FAH/2000KG/6M  | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 73        |
| 540105150057    | 2       | 7                | 3,8                 | 2               | FAH/2000KG/7M  | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 76        |
| 540100202220187 | 2       | 8                | 3,8                 | 2               | FAH/2000KG/8M  | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 79        |
| 540105150059    | 2       | 9                | 3,8                 | 2               | FAH/2000KG/9M  | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 82        |
| 540100202220188 | 2       | 10               | 3,8                 | 2               | FAH/2000KG/10M | 400                   | 1.6      | 15                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 710                    | 133  | 165  | 239  | 372  | 710  | 53   | 42   | 144    | 44     | 30     | E                  | 85        |
| 540100303140184 | 3       | 3                | 2,5                 | 3               | FAH/3000KG/3M  | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 78        |
| 540105150074    | 3       | 4                | 2,5                 | 3               | FAH/3000KG/4M  | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 82        |
| 540100303140185 | 3       | 5                | 2,5                 | 3               | FAH/3000KG/5M  | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 86        |
| 540100303140186 | 3       | 6                | 2,5                 | 3               | FAH/3000KG/6M  | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 90        |
| 540105150077    | 3       | 7                | 2,5                 | 3               | FAH/3000KG/7M  | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 94        |
| 540100303140187 | 3       | 8                | 2,5                 | 3               | FAH/3000KG/8M  | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 98        |
| 540105150079    | 3       | 9                | 2,5                 | 3               | FAH/3000KG/9M  | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 102       |
| 540100303140188 | 3       | 10               | 2,5                 | 3               | FAH/3000KG/10M | 400                   | 1.6      | 10                    | IP54       | 40               | 1Am                           | 7.1 x 21.2    | 810                    | 148  | 208  | 239  | 427  | 810  | 60   | 50   | 165    | 49     | 35     | E                  | 106       |