



CE SGS

TQD®

Safe Reliable and Durable

# ELECTRIC CHAIN HOIST



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TQD®

BERGCHAI STEEL CO.,LTD.

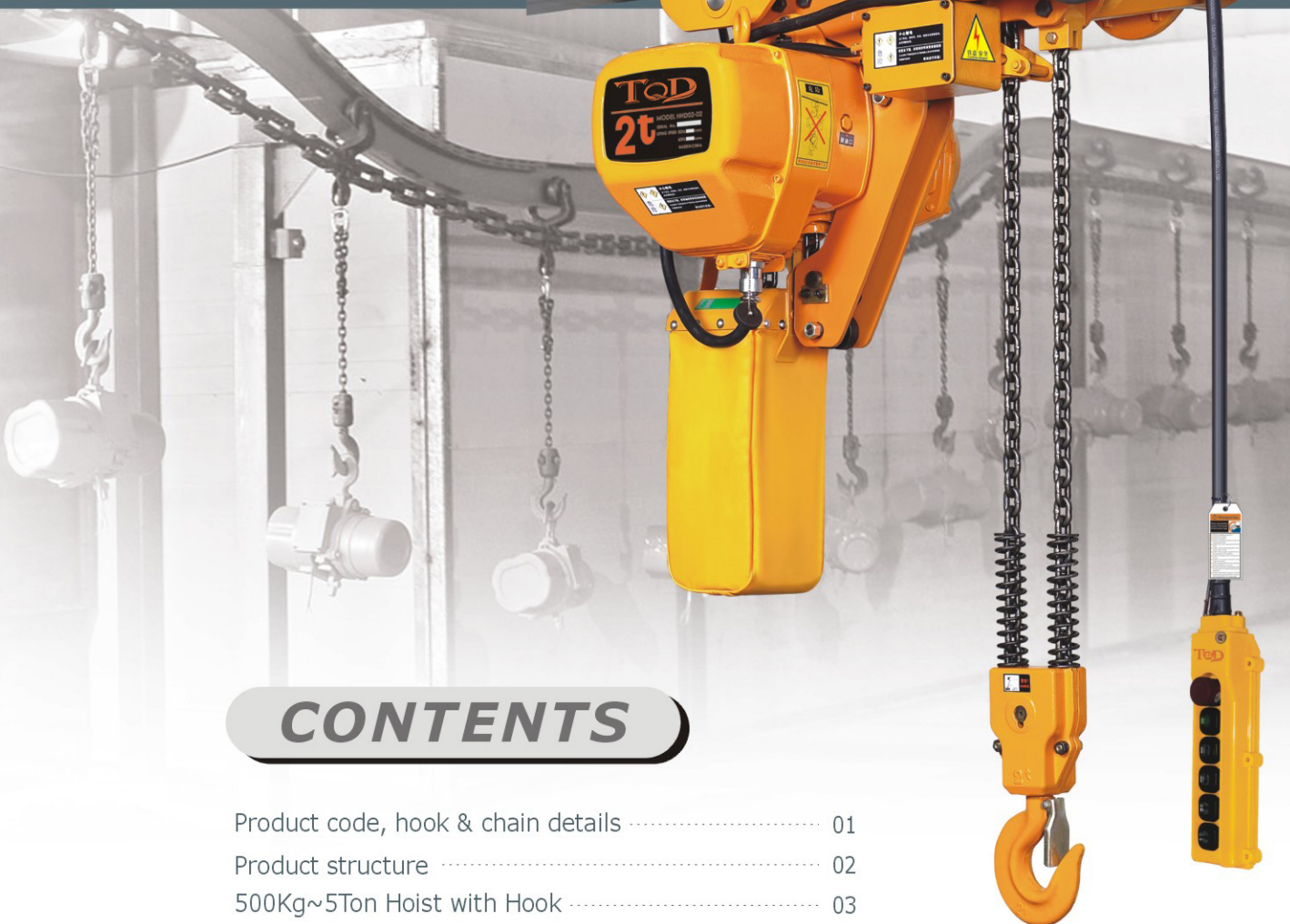
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SAFE RELIABLE AND DURABLE



Between heaven and earth  
Brave something  
Every minute  
**TQD® electric chain hoist**  
to create new value  
Up new height  
Grasp the advanced science and technology the rhythm  
Starting in high  
With the practical, honest, real hard  
And get the quality system authentication  
More attain electric field higher realm  
.....



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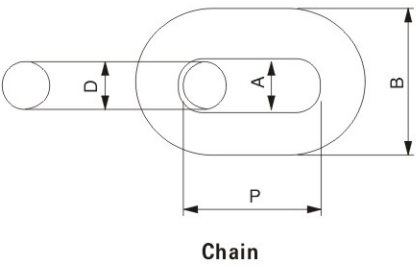
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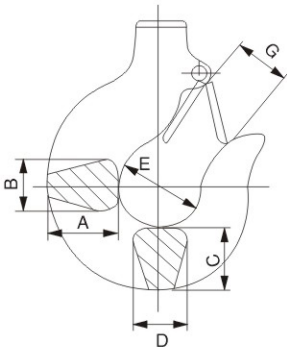


ELECTRIC CHAIN HOIST



Chain

| Applicable Type                                                                                              | Diameter (mm) D | Inside length (mm) P | Inside width (mm) A | Outside width (mm) B | Work load (kg) | Guaranteed load (KN) | Break load (KN) |
|--------------------------------------------------------------------------------------------------------------|-----------------|----------------------|---------------------|----------------------|----------------|----------------------|-----------------|
| HKD00501<br>HKD0102                                                                                          | 6.3             | 19                   | 7.9                 | 22                   | 1120           | 27                   | 47              |
| HKD0101<br>HKD0202<br>HKD0303                                                                                | 7.1             | 21                   | 8.9                 | 25                   | 1600           | 37                   | 61.6            |
| HKD01501<br>HKD0201<br>HKD0302                                                                               | 10.0            | 30                   | 12.5                | 35                   | 3200           | 76                   | 125             |
| HKD02501<br>HKD0301<br>HKD0502<br>HKD07503<br>HKD1004<br>HKD1506<br>HKD2008<br>HKD2508<br>HKD3010<br>HKD3512 | 11.2            | 34                   | 14                  | 39                   | 3800           | 92                   | 154             |



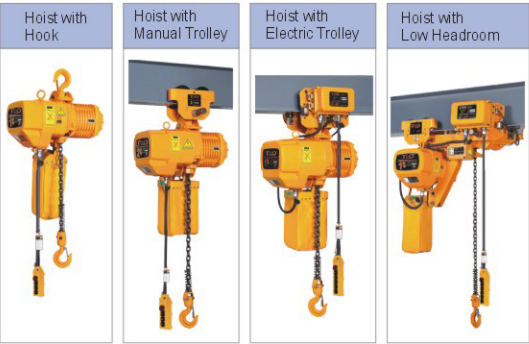
Hook

| Type | Load (T) | T | B | A   | B   | C   | D   | E   | G   |
|------|----------|---|---|-----|-----|-----|-----|-----|-----|
| HKD  | 0.5      | T | B | 27  | 18  | 25  | 17  | 35  | 28  |
|      | 1        | T | B | 34  | 24  | 30  | 24  | 42  | 32  |
|      | 2        | T | B | 46  | 29  | 39  | 30  | 49  | 40  |
|      | 3        | T | B | 56  | 35  | 49  | 34  | 59  | 48  |
|      | 5        | T | B | 67  | 43  | 57  | 44  | 60  | 48  |
|      | 7.5      | T | B | 82  | 55  | 80  | 48  | 85  | 80  |
|      | 10       | T | B | 82  | 55  | 80  | 48  | 85  | 80  |
|      | 15       | T | B | 110 | 78  | 120 | 80  | 120 | 96  |
|      | 20, 25   | T | B | 142 | 95  | 155 | 98  | 150 | 115 |
|      | 35       | T | B | 230 | 150 | 230 | 150 | 200 | 150 |

Hook: It is hot forging with perfect strength that is hard to break. The operation safety of the lower hook is ensured by its 360 degrees rotation and safety tongue piece.

HKD M 01 01 S - SD

Type



Type

Capacity

|    | Hook             |
|----|------------------|
| H  | Manual Trolley   |
| M  | Electric Trolley |
| SL | Low Headroom     |

Lifting Speed

|    |              |
|----|--------------|
| S  | Single Speed |
| SD | Dual Speeds  |

Chain Falls

E-trolley Speed

|    |              |
|----|--------------|
| S  | Single Speed |
| SD | Dual Speeds  |

» **Shell:** It is made of light aluminum alloy shell, light but hard. The cooling fin is specially designed to ensure quick heat dissipation with the rate up to 40% and continuous service. The integral enclosed structure is applicable to places like chemical plant and electroplate factory.

» **Side magnetic braking device:** The magnetic orce generator is the latest design which is featured for generating magnetic force. It allows instant brake as soon as the electric power is cut off. Thus the braking safety while loading is guaranteed.

» **Limit switch:**The limit switch device is installed where the weight is lifted on and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety.

» **Chain:** The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain. It can be safely used in poor environments such as rain sea water and chemicals

» **Hook:** It is hot forging with perfect strength that is hard to break. The operation safety of the lower hook is ensured by its 360 degrees rotation and safety tongue piece.

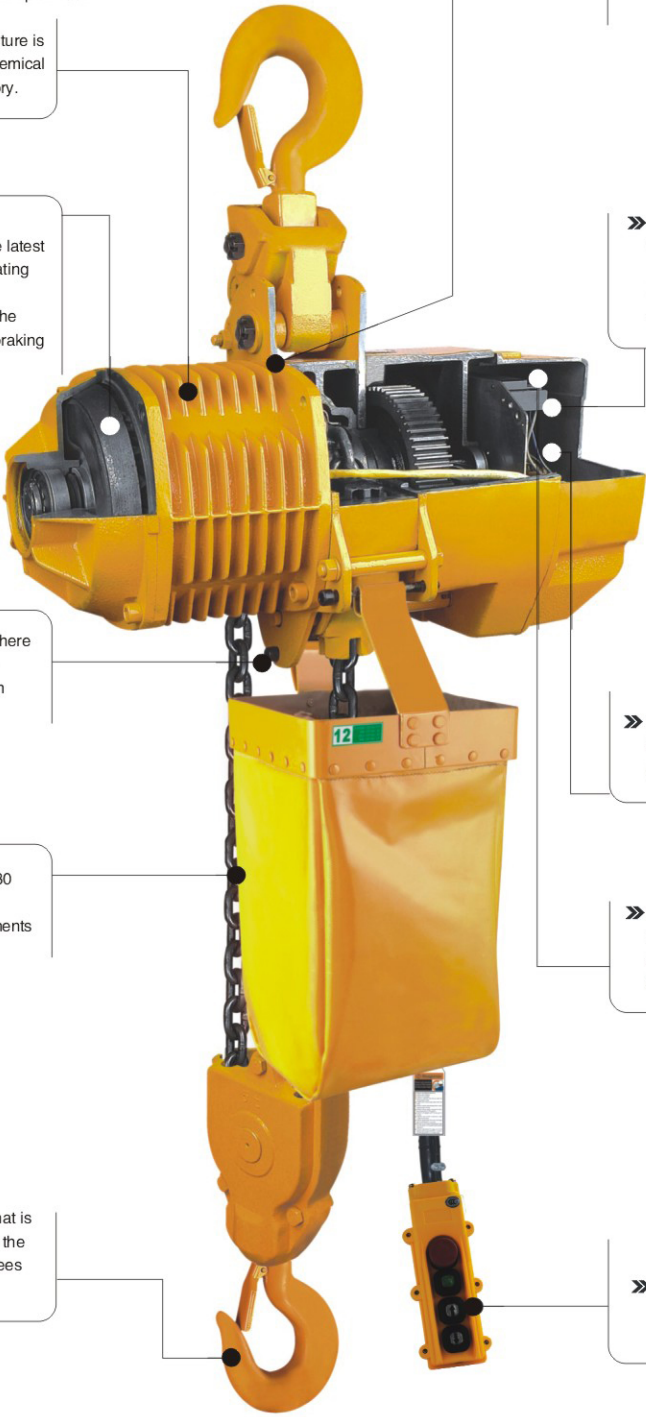
» **Support frame:** The loading support frame consists of two steel plates, which is extremely sturdy.

» **Transformer:** 24V/36V transformer device This device is used to prohibit unexpected accidents caused by electric leakage and guarantees the safe use while raining.

» **Electromagnetic contactor:** Electromagnetic contactor can be used safely under high frequency

» **Inverse phases sequence protecting device:** It is the special electrical installation which controls the circuit not to work in case of wiring error in the power supply.

» **Push button:** Waterproof push button is applied. It is light and durable.



» Standard fittings: Chain bag(1) Control cable (3m) Push-button switch (1)



500Kg~5Ton

Hoist with Hook

**Shell:** Light aluminum alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all tightness design.

**Inverse phase sequence protecting device:** It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.

**Limit switch:** The limit switch device is installed where the weight is lifted on and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety.

**24V/36V device:** it is used to prohibit the emergencies from occurring in case of the leakage in the switch.

**Side magnetic braking device:** This device shall realize the instant brake in case of the power dump.

**Chain bag:** It shall be light, handsome and durable.

**Chain:** The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain.

» Technical Parameters

Single speed

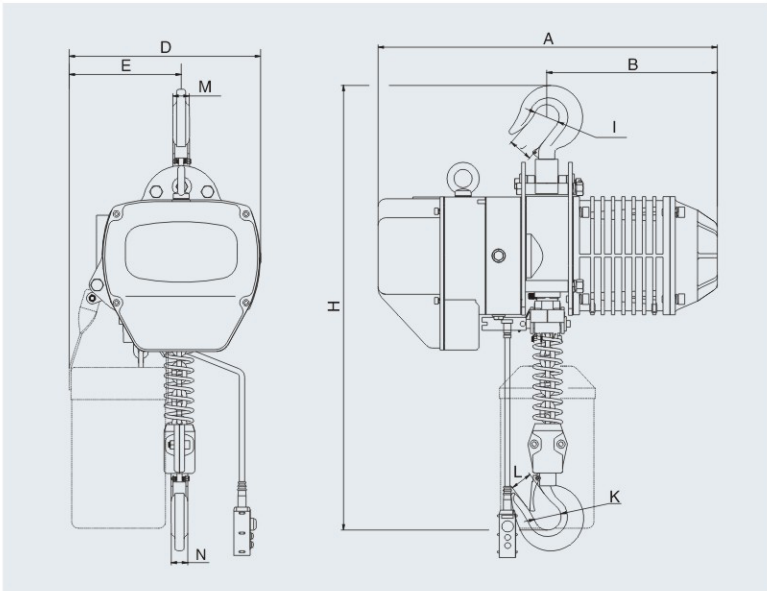
| Type      | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  |
|-----------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|
|           |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) |
| HKD00501S | 0.5            | 3                           | 6.8                   | 0.75          | 1440                   | 3      | 200-600     | 50               |
| HKD0101S  | 1              | 3                           | 6.6                   | 1.5           | 1440                   | 3      | 200-600     | 50               |
| HKD0102S  | 1              | 3                           | 3.4                   | 0.75          | 1440                   | 3      | 200-600     | 50               |
| HKD01501S | 1.5            | 3                           | 8.8                   | 3.0           | 1440                   | 3      | 200-600     | 50               |
| HKD0201S  | 2              | 3                           | 6.6                   | 3.0           | 1440                   | 3      | 200-600     | 50               |
| HKD0202S  | 2              | 3                           | 3.3                   | 1.5           | 1440                   | 3      | 200-600     | 50               |
| HKD02501S | 2.5            | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               |
| HKD0301S  | 3              | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               |
| HKD0302S  | 3              | 3                           | 4.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               |
| HKD0303S  | 3              | 3                           | 2.2                   | 1.5           | 1440                   | 3      | 200-600     | 50               |
| HKD0502S  | 5              | 3                           | 2.7                   | 3.0           | 1440                   | 3      | 200-600     | 50               |

Dual speed

| Type       | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  |
|------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|
|            |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) |
| HKD00501SD | 0.5            | 3                           | 6.8/2.3               | 0.75/0.25     | 2880/960               | 3      | 200-600     | 50               |
| HKD0101SD  | 1              | 3                           | 6.8/2.3               | 0.75/0.25     | 2880/960               | 3      | 200-600     | 50               |
| HKD0102SD  | 1              | 3                           | 3.3/1.1               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               |
| HKD01501SD | 1.5            | 3                           | 8.9/2.9               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               |
| HKD0201SD  | 2              | 3                           | 6.8/2.3               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               |
| HKD0202SD  | 2              | 3                           | 3.3/1.1               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               |
| HKD02501SD | 2.5            | 3                           | 5.4/1.8               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               |
| HKD0301SD  | 3              | 3                           | 5.4/1.8               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               |
| HKD0302SD  | 3              | 3                           | 4.5/1.5               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               |
| HKD0303SD  | 3              | 3                           | 2.3/0.8               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               |
| HKD0502SD  | 5              | 3                           | 2.7/0.9               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               |

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2

» Dimensions



» Size Specification

Single speed

| Type      | Capacity (Ton) | Unit (mm) |     |     |     |     |      |    |      |    |    |    |        |
|-----------|----------------|-----------|-----|-----|-----|-----|------|----|------|----|----|----|--------|
|           |                | H         | A   | B   | D   | E   | I    | J  | K    | L  | M  | N  | Chain  |
| HKD00501S | 0.5            | 540       | 455 | 240 | 285 | 165 | φ 34 | 28 | φ 34 | 25 | 19 | 19 | φ 6.3  |
| HKD0101S  | 1              | 650       | 520 | 260 | 300 | 176 | φ 42 | 32 | φ 42 | 32 | 24 | 24 | φ 7.1  |
| HKD0102S  | 1              | 575       | 455 | 240 | 285 | 165 | φ 34 | 28 | φ 34 | 25 | 19 | 19 | φ 6.3  |
| HKD01501S | 1.5            | 800       | 615 | 295 | 430 | 265 | φ 49 | 40 | φ 49 | 40 | 30 | 30 | φ 10.0 |
| HKD0201S  | 2              | 800       | 615 | 295 | 430 | 265 | φ 49 | 40 | φ 49 | 40 | 30 | 30 | φ 10.0 |
| HKD0202S  | 2              | 835       | 520 | 260 | 300 | 236 | φ 49 | 40 | φ 49 | 40 | 30 | 30 | φ 7.1  |
| HKD02501S | 2.5            | 845       | 615 | 295 | 430 | 265 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 11.2 |
| HKD0301S  | 3              | 845       | 615 | 295 | 430 | 265 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 11.2 |
| HKD0302S  | 3              | 950       | 615 | 295 | 430 | 320 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 10.0 |
| HKD0303S  | 3              | 950       | 520 | 260 | 350 | 205 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 7.1  |
| HKD0502S  | 5              | 1030      | 615 | 295 | 430 | 325 | φ 60 | 48 | φ 60 | 48 | 43 | 43 | φ 11.2 |

Dual speed

| Type       | Capacity (Ton) | Unit (mm) |     |     |     |     |      |    |      |    |    |    |        |
|------------|----------------|-----------|-----|-----|-----|-----|------|----|------|----|----|----|--------|
|            |                | H         | A   | B   | D   | E   | I    | J  | K    | L  | M  | N  | Chain  |
| HKD00501SD | 0.5            | 540       | 545 | 260 | 285 | 165 | φ 34 | 28 | φ 34 | 25 | 19 | 19 | φ 6.3  |
| HKD0101SD  | 1              | 650       | 582 | 280 | 300 | 176 | φ 42 | 32 | φ 42 | 32 | 24 | 24 | φ 7.1  |
| HKD0102SD  | 1              | 575       | 545 | 260 | 285 | 165 | φ 34 | 28 | φ 34 | 25 | 19 | 19 | φ 6.3  |
| HKD01501SD | 1.5            | 800       | 670 | 313 | 430 | 265 | φ 49 | 40 | φ 49 | 40 | 30 | 30 | φ 10.0 |
| HKD0201SD  | 2              | 800       | 670 | 313 | 430 | 265 | φ 49 | 40 | φ 49 | 40 | 30 | 30 | φ 10.0 |
| HKD0202SD  | 2              | 835       | 582 | 280 | 300 | 236 | φ 49 | 40 | φ 49 | 40 | 30 | 30 | φ 7.1  |
| HKD02501SD | 2.5            | 845       | 670 | 313 | 430 | 265 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 11.2 |
| HKD0301SD  | 3              | 845       | 670 | 313 | 430 | 265 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 11.2 |
| HKD0302SD  | 3              | 950       | 670 | 313 | 430 | 320 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 10.0 |
| HKD0303SD  | 3              | 950       | 582 | 280 | 350 | 205 | φ 59 | 48 | φ 59 | 48 | 35 | 35 | φ 7.1  |
| HKD0502SD  | 5              | 1030      | 670 | 313 | 430 | 325 | φ 60 | 48 | φ 60 | 48 | 43 | 43 | φ 11.2 |





500Kg~5Ton

# Hoist with Manual Trolley

**Shell:** Light aluminum alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all tightness design.

**Inverse phase sequence protecting device:** It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.

**Limit switch:** The limit switch device is installed where the weight is lifted on and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety.

**24V/36V device:** it is used to prohibit the emergencies from occurring in case of the leakage in the switch.

**Side magnetic braking device:** This device shall realize the instant brake in case of the power dump.

**Chain bag:** It shall be light, handsome and durable.

**Chain:** The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain.

» Technical Parameters

Single speed

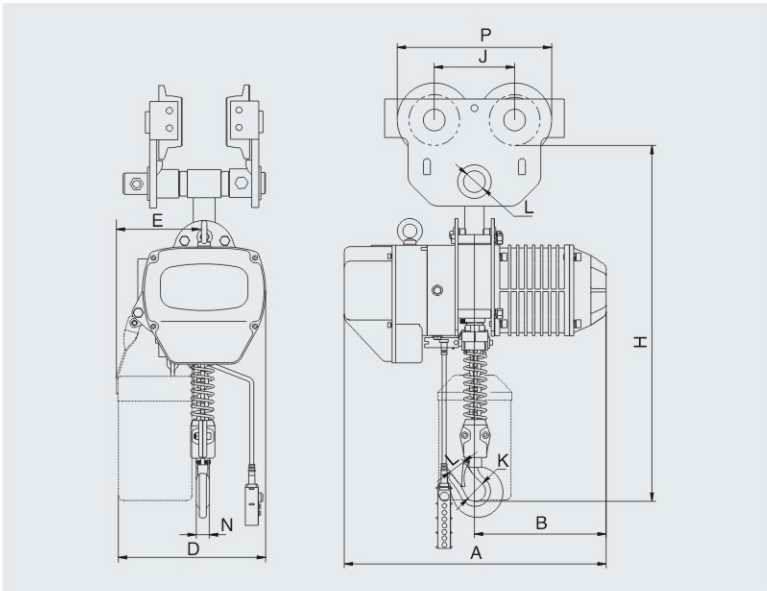
| Type       | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | I-Beam (mm) |
|------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|-------------|
|            |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) |             |
| HKDH00501S | 0.5            | 3                           | 6.8                   | 0.75          | 1440                   | 3      | 200-600     | 50               | 68-130      |
| HKDH0101S  | 1              | 3                           | 6.6                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 68-130      |
| HKDH0102S  | 1              | 3                           | 3.4                   | 0.75          | 1440                   | 3      | 200-600     | 50               | 68-130      |
| HKDH01501S | 1.5            | 3                           | 8.8                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 82-153      |
| HKDH0201S  | 2              | 3                           | 6.6                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 82-153      |
| HKDH0202S  | 2              | 3                           | 3.3                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 82-153      |
| HKDH02501S | 2.5            | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 82-153      |
| HKDH0301S  | 3              | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 82-153      |
| HKDH0302S  | 3              | 3                           | 4.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 82-153      |
| HKDH0303S  | 3              | 3                           | 2.2                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 82-153      |
| HKDH0502S  | 5              | 3                           | 2.7                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 100-178     |

Dual speed

| Type        | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | I-Beam (mm) |
|-------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|-------------|
|             |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) |             |
| HKDH00501SD | 0.5            | 3                           | 6.8/2.3               | 0.75/0.25     | 2880/960               | 3      | 200-600     | 50               | 68-130      |
| HKDH0101SD  | 1              | 3                           | 6.8/2.3               | 0.75/0.25     | 2880/960               | 3      | 200-600     | 50               | 68-130      |
| HKDH0102SD  | 1              | 3                           | 3.3/1.1               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               | 68-130      |
| HKDH01501SD | 1.5            | 3                           | 8.9/2.9               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 82-153      |
| HKDH0201SD  | 2              | 3                           | 6.8/2.3               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 82-153      |
| HKDH0202SD  | 2              | 3                           | 3.3/1.1               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               | 82-153      |
| HKDH02501SD | 2.5            | 3                           | 5.4/1.8               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 82-153      |
| HKDH0301SD  | 3              | 3                           | 5.4/1.8               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 82-153      |
| HKDH0302SD  | 3              | 3                           | 4.5/1.5               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 82-153      |
| HKDH0303SD  | 3              | 3                           | 2.3/0.8               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               | 82-153      |
| HKDH0502SD  | 5              | 3                           | 2.7/0.9               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 100-178     |

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2

» Dimensions



» Size Specification

Single speed

| Type       | Capacity (Ton) | Unit (mm) |     |     |     |     |      |    |    |      |     |     |        |
|------------|----------------|-----------|-----|-----|-----|-----|------|----|----|------|-----|-----|--------|
|            |                | H         | A   | B   | D   | E   | K    | L  | N  | I    | J   | P   | Chain  |
| HKDH00501S | 0.5            | 555       | 455 | 240 | 285 | 165 | φ 34 | 28 | 19 | φ 26 | 115 | 221 | φ 6.3  |
| HKDH0101S  | 1              | 635       | 520 | 260 | 300 | 176 | φ 42 | 32 | 24 | φ 26 | 115 | 221 | φ 7.1  |
| HKDH0102S  | 1              | 630       | 455 | 240 | 285 | 165 | φ 42 | 32 | 24 | φ 26 | 115 | 221 | φ 6.3  |
| HKDH01501S | 1.5            | 764       | 615 | 295 | 430 | 265 | φ 49 | 40 | 30 | φ 31 | 138 | 265 | φ 10.0 |
| HKDH0201S  | 2              | 764       | 615 | 295 | 430 | 265 | φ 49 | 40 | 30 | φ 31 | 138 | 265 | φ 10.0 |
| HKDH0202S  | 2              | 800       | 520 | 260 | 300 | 236 | φ 49 | 40 | 30 | φ 31 | 138 | 265 | φ 7.1  |
| HKDH02501S | 2.5            | 854       | 615 | 295 | 430 | 265 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 11.2 |
| HKDH0301S  | 3              | 854       | 615 | 295 | 430 | 265 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 11.2 |
| HKDH0302S  | 3              | 960       | 615 | 295 | 430 | 320 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 10.0 |
| HKDH0303S  | 3              | 968       | 520 | 260 | 350 | 205 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 7.1  |
| HKDH0502S  | 5              | 1007      | 615 | 295 | 430 | 325 | φ 60 | 48 | 43 | φ 43 | 178 | 332 | φ 11.2 |

Dual speed

| Type        | Capacity (Ton) | Unit (mm) |     |     |     |     |      |    |    |      |     |     |        |
|-------------|----------------|-----------|-----|-----|-----|-----|------|----|----|------|-----|-----|--------|
|             |                | H         | A   | B   | D   | E   | K    | L  | N  | I    | J   | P   | Chain  |
| HKDH00501SD | 0.5            | 555       | 545 | 260 | 285 | 165 | φ 34 | 28 | 19 | φ 26 | 115 | 221 | φ 6.3  |
| HKDH0101SD  | 1              | 635       | 582 | 280 | 300 | 176 | φ 42 | 32 | 24 | φ 26 | 115 | 221 | φ 7.1  |
| HKDH0102SD  | 1              | 630       | 545 | 260 | 285 | 165 | φ 42 | 32 | 24 | φ 26 | 115 | 221 | φ 6.3  |
| HKDH01501SD | 1.5            | 764       | 670 | 313 | 430 | 265 | φ 49 | 40 | 30 | φ 31 | 138 | 265 | φ 10.0 |
| HKDH0201SD  | 2              | 764       | 670 | 313 | 430 | 265 | φ 49 | 40 | 30 | φ 31 | 138 | 265 | φ 10.0 |
| HKDH0202SD  | 2              | 800       | 582 | 280 | 300 | 236 | φ 49 | 40 | 30 | φ 31 | 138 | 265 | φ 7.1  |
| HKDH02501SD | 2.5            | 854       | 670 | 313 | 430 | 265 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 11.2 |
| HKDH0301SD  | 3              | 854       | 670 | 313 | 430 | 265 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 11.2 |
| HKDH0302SD  | 3              | 960       | 670 | 313 | 430 | 320 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 10.0 |
| HKDH0303SD  | 3              | 968       | 582 | 280 | 350 | 205 | φ 59 | 48 | 35 | φ 36 | 157 | 277 | φ 7.1  |
| HKDH0502SD  | 5              | 1007      | 670 | 313 | 430 | 325 | φ 60 | 48 | 43 | φ 43 | 178 | 332 | φ 11.2 |





500Kg~5Ton

Hoist with Electric Trolley

**Shell:** Light aluminum alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all tightness design.

**Inverse phase sequence protecting device:** It is the special electrical installation which control the circuit not to work in case of wiring error in the power supply.

**Limit switch:** The limit switch device is installed where the weight is lifted on and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety.

**24V/36V device:** it is used to prohibit the emergencies from occurring in case of the leakage in the switch.

**Side magnetic braking device:** This device shall realize the instant brake in case of the power dump.

**Chain bag:** It shall be light, handsome and durable.

**Chain:** The chain shall adopt the Japan FEC80 ultra heat-treatable steel alloy chain.

» Technical Parameters

Single speed

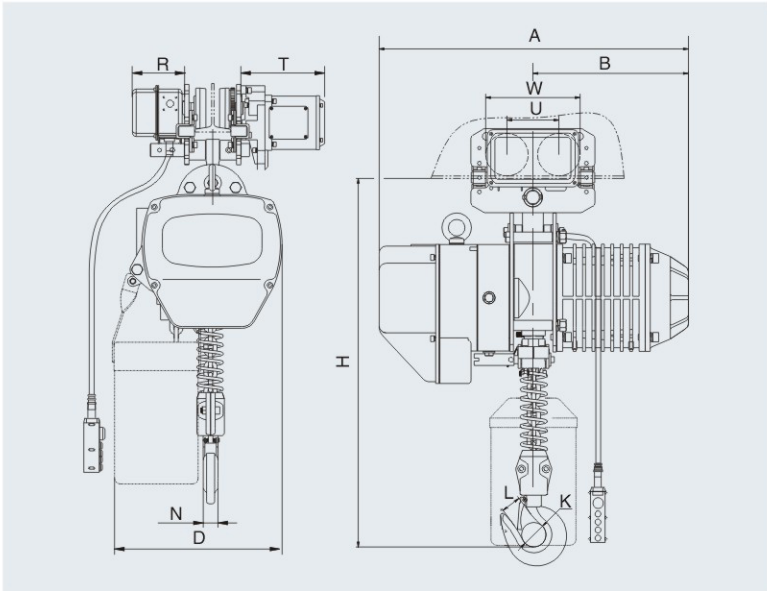
| Type       | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|            |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDM00501S | 0.5            | 3                           | 6.8                   | 0.75          | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 58-153      |
| HKDM0101S  | 1              | 3                           | 6.6                   | 0.75          | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 58-153      |
| HKDM0102S  | 1              | 3                           | 3.4                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 58-153      |
| HKDM01501S | 1.5            | 3                           | 8.8                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 82-178      |
| HKDM0201S  | 2              | 3                           | 6.6                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 82-178      |
| HKDM0202S  | 2              | 3                           | 3.3                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 82-178      |
| HKDM02501S | 2.5            | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDM0301S  | 3              | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDM0302S  | 3              | 3                           | 4.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDM0303S  | 3              | 3                           | 2.2                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDM0502S  | 5              | 3                           | 2.7                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |

Dual speed

| Type        | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|-------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|             |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDM00501SD | 0.5            | 3                           | 6.8/2.3               | 0.75/0.25     | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 58-153      |
| HKDM0101SD  | 1              | 3                           | 6.8/2.3               | 0.75/0.25     | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 58-153      |
| HKDM0102SD  | 1              | 3                           | 3.3/1.1               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 58-153      |
| HKDM01501SD | 1.5            | 3                           | 8.9/2.9               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 82-178      |
| HKDM0201SD  | 2              | 3                           | 6.8/2.3               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 82-178      |
| HKDM0202SD  | 2              | 3                           | 3.3/1.1               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 82-178      |
| HKDM02501SD | 2.5            | 3                           | 5.4/1.8               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDM0301SD  | 3              | 3                           | 5.4/1.8               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDM0302SD  | 3              | 3                           | 4.5/1.5               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDM0303SD  | 3              | 3                           | 2.3/0.8               | 1.5/0.5       | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDM0502SD  | 5              | 3                           | 2.7/0.9               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2

» Dimensions



» Size Specification

Single speed

| Type       | Capacity (Ton) | Unit (mm) |     |     |     |     |      |      |    |    |     |     |     |     |        |
|------------|----------------|-----------|-----|-----|-----|-----|------|------|----|----|-----|-----|-----|-----|--------|
|            |                | H         | A   | B   | D   | E   | I    | K    | L  | N  | W   | U   | R   | T   | Chain  |
| HKDM00501S | 0.5            | 610       | 455 | 240 | 285 | 165 | φ 31 | φ 34 | 25 | 19 | 206 | 111 | 142 | 231 | φ 6.3  |
| HKDM0101S  | 1              | 665       | 455 | 240 | 285 | 165 | 31   | φ 42 | 32 | 24 | 206 | 111 | 142 | 231 | φ 6.3  |
| HKDM0102S  | 1              | 650       | 520 | 260 | 300 | 176 | 31   | φ 42 | 32 | 24 | 206 | 111 | 142 | 231 | φ 7.1  |
| HKDM01501S | 1.5            | 770       | 615 | 295 | 430 | 265 | 36   | φ 49 | 40 | 30 | 237 | 127 | 142 | 231 | φ 10.0 |
| HKDM0201S  | 2              | 770       | 615 | 295 | 430 | 265 | 36   | φ 49 | 40 | 30 | 237 | 127 | 142 | 231 | φ 10.0 |
| HKDM0202S  | 2              | 815       | 520 | 260 | 300 | 236 | 36   | φ 49 | 40 | 30 | 237 | 127 | 142 | 231 | φ 7.1  |
| HKDM02501S | 2.5            | 830       | 615 | 295 | 430 | 265 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 11.2 |
| HKDM0301S  | 3              | 830       | 615 | 295 | 430 | 265 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 11.2 |
| HKDM0302S  | 3              | 930       | 615 | 295 | 430 | 320 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 10.0 |
| HKDM0303S  | 3              | 940       | 520 | 260 | 350 | 205 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 7.1  |
| HKDM0502S  | 5              | 1015      | 615 | 295 | 430 | 325 | 54   | φ 60 | 48 | 43 | 296 | 156 | 142 | 231 | φ 11.2 |

Dual speed

| Type        | Capacity (Ton) | Unit (mm) |     |     |     |     |      |      |    |    |     |     |     |     |        |
|-------------|----------------|-----------|-----|-----|-----|-----|------|------|----|----|-----|-----|-----|-----|--------|
|             |                | H         | A   | B   | D   | E   | I    | K    | L  | N  | W   | U   | R   | T   | Chain  |
| HKDM00501SD | 0.5            | 610       | 545 | 260 | 285 | 165 | φ 31 | φ 34 | 25 | 19 | 206 | 111 | 142 | 231 | φ 6.3  |
| HKDM0101SD  | 1              | 665       | 582 | 280 | 285 | 165 | 31   | φ 42 | 32 | 24 | 206 | 111 | 142 | 231 | φ 6.3  |
| HKDM0102SD  | 1              | 650       | 545 | 260 | 300 | 176 | 31   | φ 42 | 32 | 24 | 206 | 111 | 142 | 231 | φ 7.1  |
| HKDM01501SD | 1.5            | 770       | 670 | 313 | 430 | 265 | 36   | φ 49 | 40 | 30 | 237 | 127 | 142 | 231 | φ 10.0 |
| HKDM0201SD  | 2              | 770       | 670 | 313 | 430 | 265 | 36   | φ 49 | 40 | 30 | 237 | 127 | 142 | 231 | φ 10.0 |
| HKDM0202SD  | 2              | 815       | 582 | 280 | 300 | 236 | 36   | φ 49 | 40 | 30 | 237 | 127 | 142 | 231 | φ 7.1  |
| HKDM02501SD | 2.5            | 830       | 670 | 313 | 430 | 265 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 11.2 |
| HKDM0301SD  | 3              | 830       | 670 | 313 | 430 | 265 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 11.2 |
| HKDM0302SD  | 3              | 930       | 670 | 313 | 430 | 320 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 10.0 |
| HKDM0303SD  | 3              | 940       | 582 | 280 | 350 | 205 | 43   | φ 59 | 48 | 35 | 265 | 140 | 142 | 231 | φ 7.1  |
| HKDM0502SD  | 5              | 1015      | 670 | 313 | 430 | 325 | 54   | φ 60 | 48 | 43 | 296 | 156 | 142 | 231 | φ 11.2 |

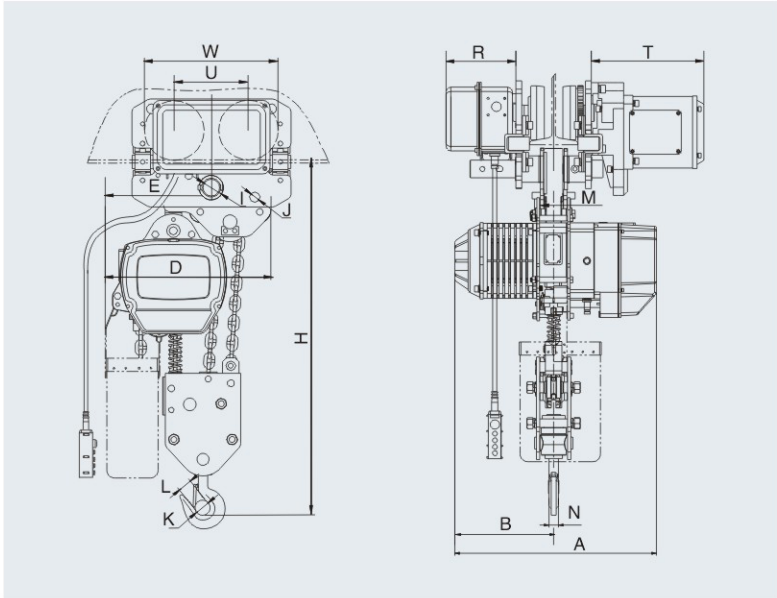




7.5 Ton

Hoist with Electric Trolley

» Dimensions



» Technical Parameters

| Type        | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|-------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|             |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDM07503S  | 7.5            | 3                           | 1.8                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDM07503SD | 7.5            | 3                           | 1.8/0.6               | 3.0/1.0       | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |

» Size Specification

| Type        | Capacity<br>(Ton) | Unit (mm) |     |     |     |     |     |     |     |    |    |    |     |     |     |     |       |
|-------------|-------------------|-----------|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-------|
|             |                   | H         | A   | B   | D   | E   | I   | J   | K   | L  | M  | N  | W   | U   | R   | T   | Chain |
| HKDM07503S  | 7.5               | 1200      | 615 | 295 | 505 | 320 | φ54 | φ31 | φ85 | 80 | 85 | 55 | 295 | 156 | 142 | 231 | φ11.2 |
| HKDM07503SD | 7.5               | 1200      | 670 | 313 | 505 | 320 | φ54 | φ31 | φ85 | 80 | 85 | 55 | 295 | 156 | 142 | 231 | φ11.2 |

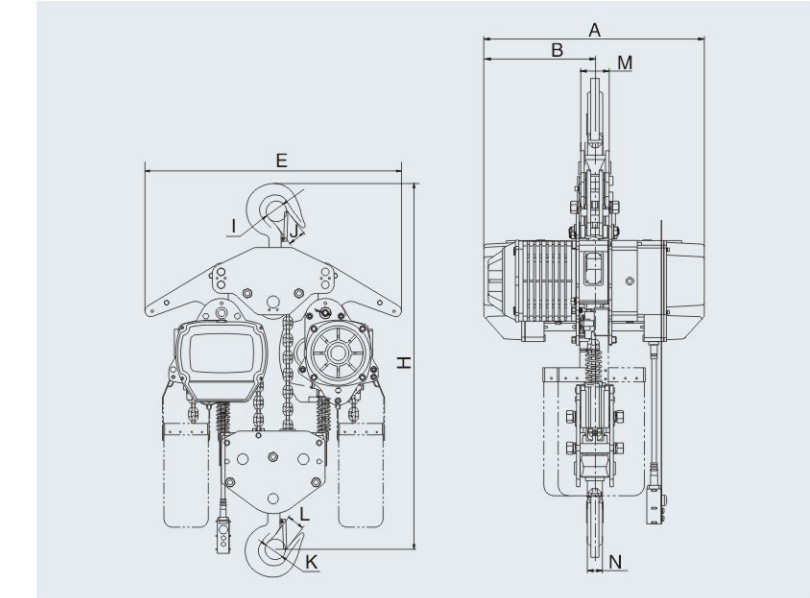
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



10 Ton

Hoist with Hook

» Dimensions



» Technical Parameters

| Type      | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  |
|-----------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|
|           |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) |
| HKD1004S  | 10             | 3                           | 2.7                   | 3.0 x 2       | 1440                   | 3      | 200-600     | 50               |
| HKD1004SD | 10             | 3                           | 2.7/0.6               | 3.0x2/1.0x2   | 2880/960               | 3      | 200-600     | 50               |

» Size Specification

| Type      | Capacity<br>(Ton) | Unit (mm) |     |     |     |      |    |      |    |     |    |        |
|-----------|-------------------|-----------|-----|-----|-----|------|----|------|----|-----|----|--------|
|           |                   | H         | A   | B   | E   | I    | J  | K    | L  | M   | N  | Chain  |
| HKD1004S  | 10                | 1400      | 630 | 315 | 890 | φ 85 | 80 | φ 85 | 80 | 104 | 55 | φ 11.2 |
| HKD1004SD | 10                | 1400      | 670 | 388 | 890 | φ 85 | 80 | φ 85 | 80 | 104 | 55 | φ 11.2 |

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2

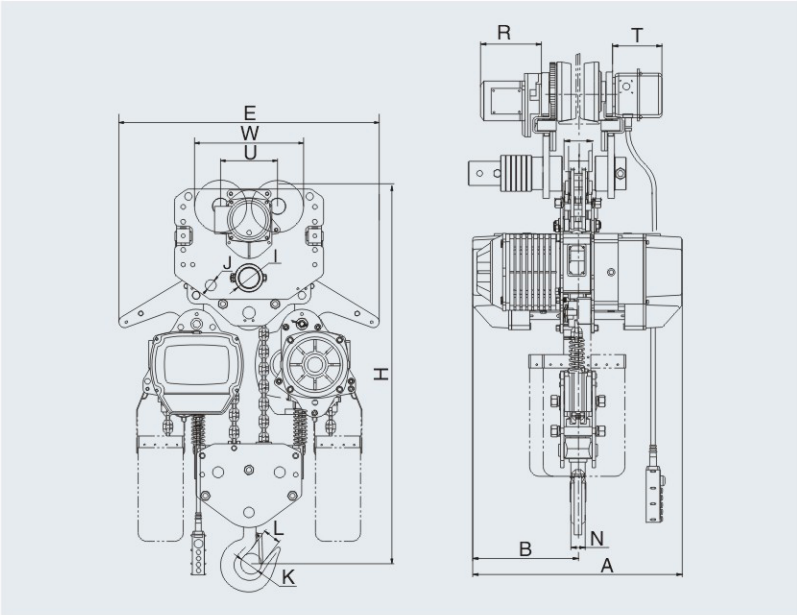




10 Ton

Hoist with Electric Trolley

» Dimensions



» Technical Parameters

Single speed

Dual speed

| Type       | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|            |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDM1004S  | 10             | 3                           | 2.7                   | 3.0x2         | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 150-220     |
| HKDM1004SD | 10             | 3                           | 2.7/0.6               | 3.0x2/1.0x2   | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 150-220     |

» Size Specification

Single speed

Dual speed

| Type       | Capacity (Ton) | Unit (mm) |     |     |     |     |     |     |    |    |    |     |     |     |     |       |
|------------|----------------|-----------|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-------|
|            |                | H         | A   | B   | E   | I   | J   | K   | L  | M  | N  | W   | U   | R   | T   | Chain |
| HKDM1004S  | 10             | 1190      | 630 | 315 | 890 | φ70 | φ36 | φ85 | 80 | 85 | 55 | 366 | 191 | 231 | 142 | φ11.2 |
| HKDM1004SD | 10             | 1190      | 670 | 388 | 890 | φ70 | φ36 | φ85 | 80 | 85 | 55 | 366 | 191 | 231 | 142 | φ11.2 |

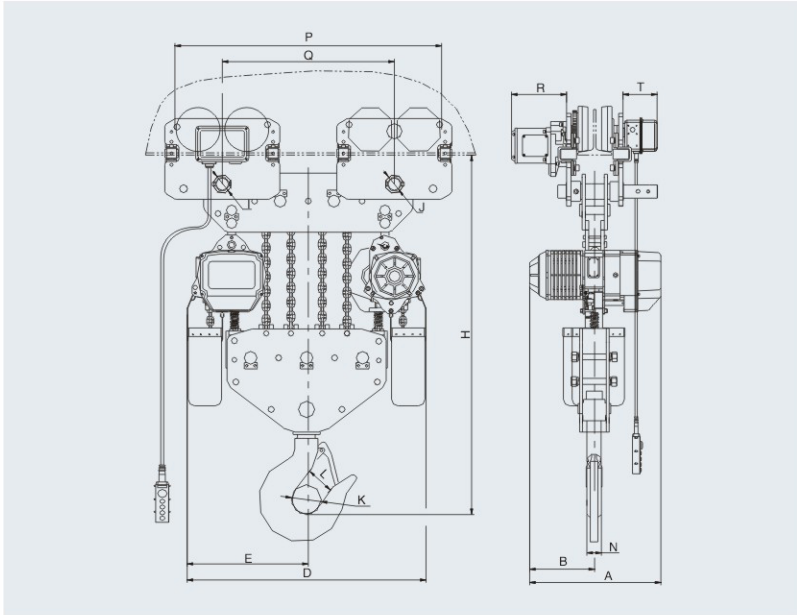
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



15 Ton

Hoist with Electric Trolley

» Dimensions



» Technical Parameters

Single speed

Dual speed

| Type       | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|            |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDM1506S  | 15             | 3                           | 1.8                   | 3.0x2         | 1440                   | 3      | 200-600     | 50               | 0.75 X 2      | 1440                   | 11/21                 | 150-220     |
| HKDM1506SD | 15             | 3                           | 1.8/0.6               | 3.0x2/1.0x2   | 2880/960               | 3      | 200-600     | 50               | 0.75 X 2      | 2880/960               | 11/21                 | 150-220     |

» Size Specification

Single speed

Dual speed

| Type       | Capacity (Ton) | Unit (mm) |     |     |      |     |     |     |      |    |    |    |     |     |     |       |
|------------|----------------|-----------|-----|-----|------|-----|-----|-----|------|----|----|----|-----|-----|-----|-------|
|            |                | H         | A   | B   | D    | E   | I   | J   | K    | L  | M  | N  | P   | Q   | R   | Chain |
| HKDM1506S  | 15             | 1310      | 630 | 315 | 1070 | 535 | φ54 | φ54 | φ120 | 96 | 88 | 78 | 926 | 560 | 142 | φ11.2 |
| HKDM1506SD | 15             | 1310      | 670 | 388 | 1070 | 535 | φ54 | φ54 | φ120 | 96 | 88 | 78 | 926 | 560 | 142 | φ11.2 |

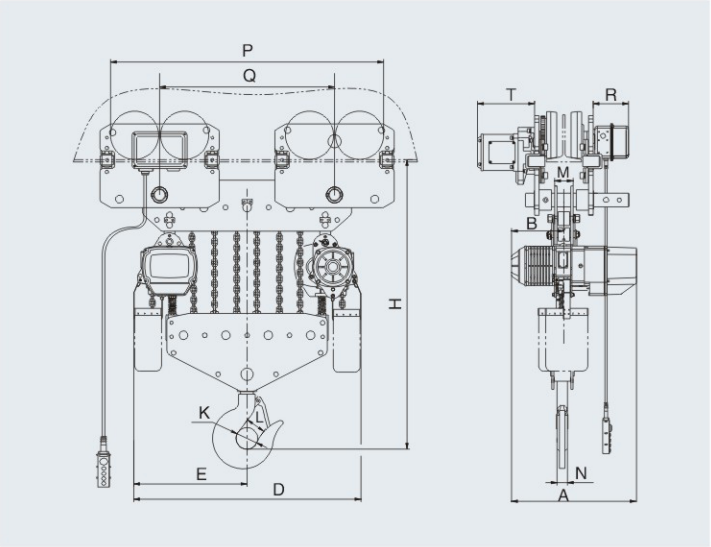
Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2



20/25 Ton

Hoist with Electric Trolley

» Dimensions



» Technical Parameters

| Type       | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|            |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDM2008S  | 20             | 3                           | 1.4                   | 3.0 x 2       | 1440                   | 3      | 200-600     | 50               | 0.75 x 2      | 1440                   | 11/21                 | 150-220     |
| HKDM2008SD | 20             | 3                           | 1.5/0.5               | 3.0x2/1.0x2   | 2880/960               | 3      | 200-600     | 50               | 0.75 x 2      | 2880/960               | 11/21                 | 150-220     |
| HKDM2508S  | 25             | 3                           | 1.3                   | 3.0 x 2       | 1440                   | 3      | 200-600     | 50               | 0.75 x 2      | 1440                   | 11/21                 | 150-220     |
| HKDM2508SD | 25             | 3                           | 1.2/0.4               | 3.0x2/1.0x2   | 2880/960               | 3      | 200-600     | 50               | 0.75 x 2      | 2880/960               | 11/21                 | 150-220     |

» Size Specification

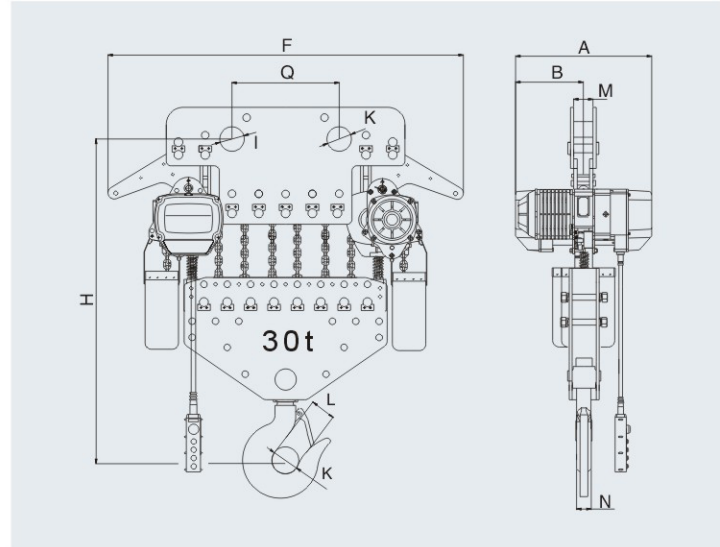
| Type       | Capacity (Ton) | Unit (mm) |     |     |      |     |    |    |     |     |    |    |      |     |     |     |
|------------|----------------|-----------|-----|-----|------|-----|----|----|-----|-----|----|----|------|-----|-----|-----|
|            |                | H         | A   | B   | D    | E   | I  | J  | K   | L   | M  | N  | P    | Q   | R   | T   |
| HKDM2008S  | 20             | 1470      | 630 | 315 | 1260 | 630 | 70 | 70 | 150 | 115 | 88 | 95 | 1106 | 740 | 142 | 231 |
| HKDM2008SD | 20             | 1470      | 670 | 388 | 1260 | 630 | 70 | 70 | 150 | 115 | 88 | 95 | 1106 | 740 | 142 | 231 |
| HKDM2508S  | 25             | 1470      | 630 | 315 | 1260 | 630 | 70 | 70 | 150 | 115 | 88 | 95 | 1106 | 740 | 142 | 231 |
| HKDM2508SD | 25             | 1470      | 670 | 388 | 1260 | 630 | 70 | 70 | 150 | 115 | 88 | 95 | 1106 | 740 | 142 | 231 |

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2

30/35 Ton

Hoist with Bolts

» Dimensions



» Technical Parameters

| Type      | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  |
|-----------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|
|           |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) |
| HKD3010S  | 30             | 3                           | 1.0                   | 3.0 x 2       | 1440                   | 3      | 200-600     | 50               |
| HKD3010SD | 30             | 3                           | 1.1/0.35              | 3.0x2/1.0x2   | 2880/960               | 3      | 200-600     | 50               |
| HKD3512S  | 35             | 3                           | 0.9                   | 3.0 x 2       | 1440                   | 3      | 200-600     | 50               |
| HKD3512SD | 35             | 3                           | 0.9/0.3               | 3.0x2/1.0x2   | 2880/960               | 3      | 200-600     | 50               |

» Size Specification

| Type      | Capacity<br>(Ton) | Unit (mm) |     |     |      |       |       |       |     |     |     |
|-----------|-------------------|-----------|-----|-----|------|-------|-------|-------|-----|-----|-----|
|           |                   | H         | A   | B   | E    | I     | J     | K     | L   | M   | N   |
| HKD3010S  | 30                | 1470      | 630 | 315 | 1260 | 630   | 70    | 70    | 150 | 115 | 88  |
| HKD3010SD | 30                | 1470      | 670 | 388 | 1260 | 630   | 70    | 70    | 150 | 115 | 88  |
| HKD3512S  | 35                | 1640      | 630 | 315 | 1510 | φ 100 | φ 100 | φ 195 | 140 | 185 | 140 |
| HKD3512SD | 35                | 1640      | 670 | 388 | 1510 | φ 100 | φ 100 | φ 195 | 140 | 185 | 140 |

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed x 1.2





500Kg~10Ton

Hoist with Low Headroom

It is typical of unique optimal structure in shortening the distance between the machine body and the beam tracks, applicable to operations inside fairly low buildings, especially suitable for use in temporarily erected plant buildings or on the sites where expansion of effective hoisting spaces inside the buildings is required.

» Technical Parameters

Single speed

| Type        | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|-------------|----------------|-----------------------------|-----------------------|---------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|             |                |                             |                       | Power (Kw)    | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDSL00501S | 0.5            | 3                           | 6.8                   | 0.75          | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 58-153      |
| HKDSL0101S  | 1              | 3                           | 6.6                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 58-153      |
| HKDSL01501S | 1.5            | 3                           | 8.8                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 82-178      |
| HKDSL0201S  | 2              | 3                           | 6.6                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 82-178      |
| HKDSL0202S  | 2              | 3                           | 3.3                   | 1.5           | 1440                   | 3      | 200-600     | 50               | 0.4           | 1440                   | 11/21                 | 82-178      |
| HKDSL02501S | 2.5            | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDSL0301S  | 3              | 3                           | 5.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDSL0302S  | 3              | 3                           | 4.4                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDSL0502S  | 5              | 3                           | 2.7                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDSL07503S | 7.5            | 3                           | 1.8                   | 3.0           | 1440                   | 3      | 200-600     | 50               | 0.75          | 1440                   | 11/21                 | 100-178     |
| HKDSL1004S  | 10             | 3                           | 2.7                   | 3.0 × 2       | 1440                   | 3      | 200-600     | 50               | 0.75 × 2      | 1440                   | 11/21                 | 110-180     |

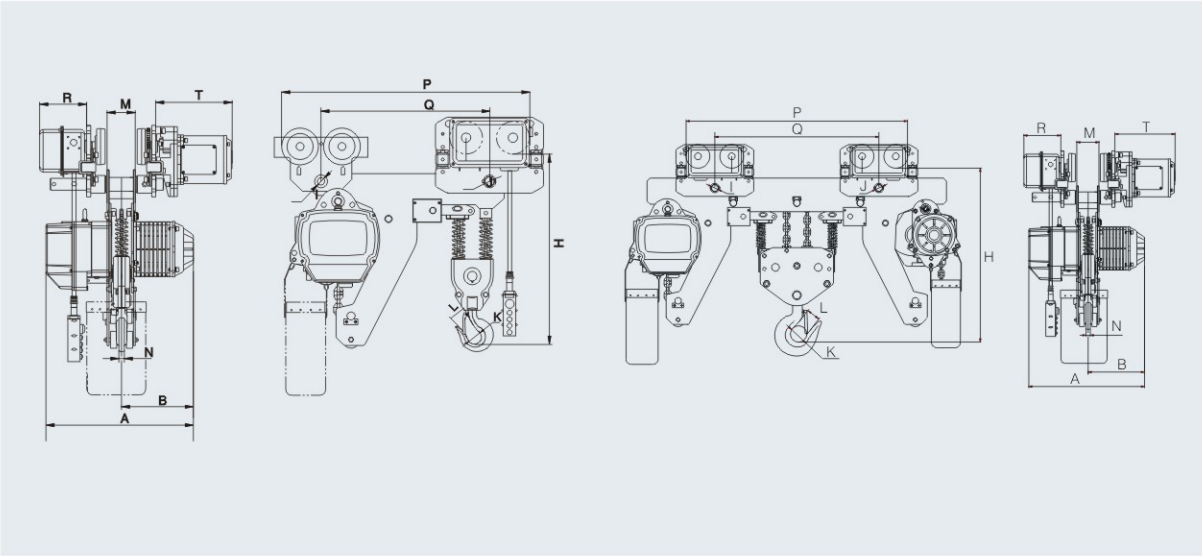
» Technical Parameters

Dual speed

| Type         | Capacity (Ton) | Standard Lifting Height (m) | Lifting Speed (m/min) | Lifting Motor   |                        |        |             |                  | Trolley Motor |                        |                       | I-Beam (mm) |
|--------------|----------------|-----------------------------|-----------------------|-----------------|------------------------|--------|-------------|------------------|---------------|------------------------|-----------------------|-------------|
|              |                |                             |                       | Power (Kw)      | Rotation Speed (r/min) | Phases | Voltage (V) | Frequency (Hz/s) | Power (Kw)    | Rotation Speed (r/min) | Trolley Speed (m/min) |             |
| HKDSL00501SD | 0.5            | 3                           | 6.8/2.3               | 0.75/0.25       | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 58-153      |
| HKDSL0101SD  | 1              | 3                           | 6.8/2.3               | 0.75/0.25       | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 58-153      |
| HKDSL01501SD | 1.5            | 3                           | 8.9/2.9               | 3.0/1.0         | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 82-178      |
| HKDSL0201SD  | 2              | 3                           | 6.8/2.3               | 3.0/1.0         | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 82-178      |
| HKDSL0202SD  | 2              | 3                           | 3.3/1.1               | 1.5/0.5         | 2880/960               | 3      | 200-600     | 50               | 0.4           | 2880/960               | 11/21                 | 82-178      |
| HKDSL02501SD | 2.5            | 3                           | 5.4/1.8               | 3.0/1.0         | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDSL0301SD  | 3              | 3                           | 5.4/1.8               | 3.0/1.0         | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDSL0302SD  | 3              | 3                           | 4.5/1.5               | 3.0/1.0         | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDSL0502SD  | 5              | 3                           | 2.7/0.9               | 3.0/1.0         | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDSL07503SD | 7.5            | 3                           | 1.8/0.6               | 3.0/1.0         | 2880/960               | 3      | 200-600     | 50               | 0.75          | 2880/960               | 11/21                 | 100-178     |
| HKDSL1004SD  | 10             | 3                           | 2.7/0.9               | 3.0 × 2/1.0 × 2 | 2880/960               | 3      | 200-600     | 50               | 0.75 × 2      | 2880/960               | 11/21                 | 110-180     |

Remark: 1. Lifting height against customer's requirement. 2. 60Hz/s Speed=50Hz/s Speed × 1.2

» Dimensions



» Size Specification

Single speed

| Type        | Capacity<br>(Ton) | Unit (mm) |     |     |      |    |    |    |      |      |      |       |     |     |        |
|-------------|-------------------|-----------|-----|-----|------|----|----|----|------|------|------|-------|-----|-----|--------|
|             |                   | H         | A   | B   | K    | L  | M  | N  | I    | J    | P    | Q     | R   | T   | Chain  |
| HKDSL00501S | 0.5               | 400       | 455 | 240 | φ 34 | 25 | 19 | 19 | φ 25 | φ 31 | 585  | 400   | 142 | 231 | φ 6.3  |
| HKDSL0101S  | 1                 | 480       | 520 | 260 | φ 42 | 32 | 56 | 24 | φ 26 | φ 31 | 630  | 445   | 142 | 231 | φ 7.1  |
| HKDSL01501S | 1.5               | 570       | 615 | 295 | φ 49 | 40 | 66 | 30 | φ 31 | φ 36 | 720  | 505   | 142 | 231 | φ 10.0 |
| HKDSL0201S  | 2                 | 570       | 615 | 295 | φ 49 | 40 | 66 | 30 | φ 31 | φ 36 | 720  | 505   | 142 | 231 | φ 10.0 |
| HKDSL0202S  | 2                 | 535       | 520 | 260 | φ 49 | 40 | 56 | 30 | φ 31 | φ 36 | 665  | 444.5 | 142 | 231 | φ 7.1  |
| HKDSL02501S | 2.5               | 640       | 615 | 295 | φ 59 | 48 | 73 | 35 | φ 36 | φ 43 | 775  | 526   | 142 | 231 | φ 11.2 |
| HKDSL0301S  | 3                 | 640       | 615 | 295 | φ 59 | 48 | 73 | 35 | φ 36 | φ 43 | 775  | 526   | 142 | 231 | φ 11.2 |
| HKDSL0302S  | 3                 | 685       | 615 | 295 | φ 59 | 48 | 66 | 35 | φ 36 | φ 43 | 750  | 503   | 142 | 231 | φ 10.0 |
| HKDSL0502S  | 5                 | 740       | 615 | 295 | φ 60 | 48 | 73 | 43 | φ 43 | φ 54 | 825  | 541   | 142 | 231 | φ 11.2 |
| HKDSL07503S | 7.5               | 890       | 615 | 295 | φ 85 | 80 | 73 | 55 | φ 43 | φ 54 | 1020 | 730   | 142 | 231 | φ 11.2 |
| HKDSL1004S  | 10                | 890       | 630 | 315 | φ 85 | 80 | 73 | 55 | φ 43 | φ 54 | 1020 | 730   | 142 | 231 | φ 11.2 |

» Size Specification

Dual speed

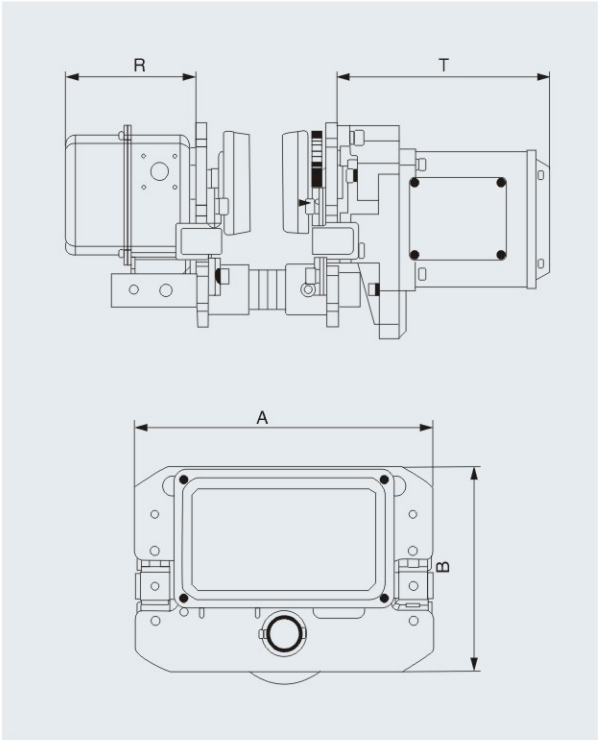
| Type         | Capacity<br>(Ton) | Unit (mm) |     |     |      |    |    |    |      |      |      |       |     |     |        |
|--------------|-------------------|-----------|-----|-----|------|----|----|----|------|------|------|-------|-----|-----|--------|
|              |                   | H         | A   | B   | K    | L  | M  | N  | I    | J    | P    | Q     | R   | T   | Chain  |
| HKDSL00501SD | 0.5               | 400       | 545 | 260 | φ 34 | 25 | 19 | 19 | φ 25 | φ 31 | 585  | 400   | 142 | 231 | φ 6.3  |
| HKDSL0101SD  | 1                 | 480       | 582 | 280 | φ 42 | 32 | 56 | 24 | φ 26 | φ 31 | 630  | 445   | 142 | 231 | φ 7.1  |
| HKDSL01501SD | 1.5               | 570       | 670 | 313 | φ 49 | 40 | 66 | 30 | φ 31 | φ 36 | 720  | 505   | 142 | 231 | φ 10.0 |
| HKDSL0201SD  | 2                 | 570       | 670 | 313 | φ 49 | 40 | 66 | 30 | φ 31 | φ 36 | 720  | 505   | 142 | 231 | φ 10.0 |
| HKDSL0202SD  | 2                 | 535       | 582 | 280 | φ 49 | 40 | 56 | 30 | φ 31 | φ 36 | 665  | 444.5 | 142 | 231 | φ 7.1  |
| HKDSL02501SD | 2.5               | 640       | 670 | 313 | φ 59 | 48 | 73 | 35 | φ 36 | φ 43 | 775  | 526   | 142 | 231 | φ 11.2 |
| HKDSL0301SD  | 3                 | 640       | 670 | 313 | φ 59 | 48 | 73 | 35 | φ 36 | φ 43 | 775  | 526   | 142 | 231 | φ 11.2 |
| HKDSL0302SD  | 3                 | 685       | 670 | 313 | φ 59 | 48 | 66 | 35 | φ 36 | φ 43 | 750  | 503   | 142 | 231 | φ 10.0 |
| HKDSL0502SD  | 5                 | 740       | 670 | 313 | φ 60 | 48 | 73 | 43 | φ 43 | φ 54 | 825  | 541   | 142 | 231 | φ 11.2 |
| HKDSL07503SD | 7.5               | 890       | 670 | 313 | φ 85 | 80 | 73 | 55 | φ 43 | φ 54 | 1020 | 730   | 142 | 231 | φ 11.2 |
| HKDSL1004SD  | 10                | 890       | 670 | 388 | φ 85 | 80 | 73 | 55 | φ 43 | φ 54 | 1020 | 730   | 142 | 231 | φ 11.2 |



500Kg-10Ton

Electric Trolley

» Dimensions



» Technical Parameters

| Type     | Capacity<br>(Ton) | Unit (mm) |     |     |     | Speed<br>50Hz<br>(m/min) | Motor<br>(kw) | Minimun<br>radius of turn<br>(m) | I-Beam<br>(mm) |
|----------|-------------------|-----------|-----|-----|-----|--------------------------|---------------|----------------------------------|----------------|
|          |                   | A         | B   | R   | T   |                          |               |                                  |                |
| DDPC-0.5 | 0.5               | 315       | 212 | 142 | 231 | 11/21                    | 0.4           | 0.8                              | 52-153         |
| DDPC-01  | 1                 | 315       | 212 | 142 | 231 | 11/21                    | 0.4           | 0.8                              | 52-153         |
| DDPC-02  | 2                 | 325       | 220 | 142 | 231 | 11/21                    | 0.4           | 0.8                              | 82-178         |
| DDPC-03  | 3                 | 340       | 250 | 142 | 231 | 11/21                    | 0.75          | 1.0                              | 100-178        |
| DDPC-05  | 5                 | 400       | 291 | 142 | 231 | 11/21                    | 0.75          | 1.8                              | 100-178        |
| DDPC-7.5 | 7.5               | 400       | 291 | 142 | 231 | 11/21                    | 0.75          | 1.8                              | 100-178        |
| DDPC-10  | 10                | 500       | 370 | 142 | 231 | 11/21                    | 0.75          | 2.5                              | 150-220        |

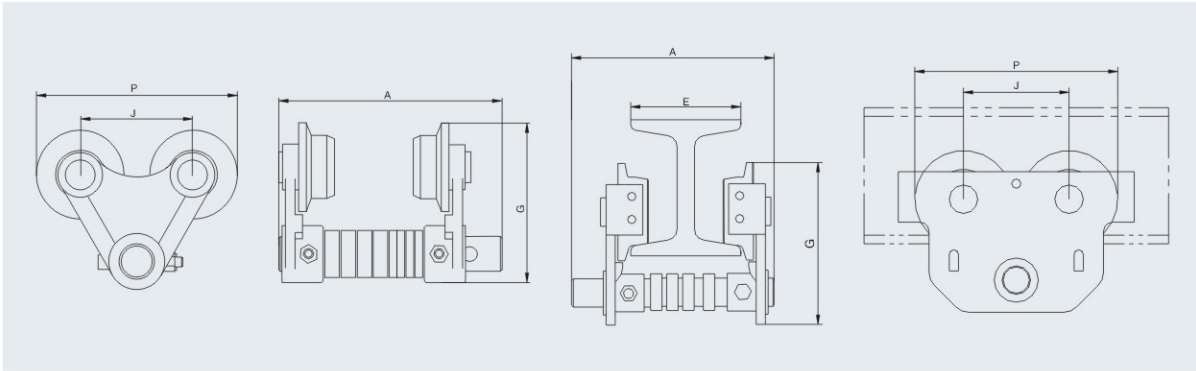
Remark: 1. Dual Speeds Rate is 20:5    2. 60Hz/s Speed= 50Hz/s Speed x 1.2

500Kg-5Ton

Manual Trolley



» Dimensions



» Technical Parameters

| Type     | Capacity<br>(Ton) | Unit (mm) |     |     |        |     | Minimun<br>radius of turn<br>(m) |
|----------|-------------------|-----------|-----|-----|--------|-----|----------------------------------|
|          |                   | A         | G   | J   | E      | P   |                                  |
| STPC-0.5 | 0.5               | 200       | 130 | 91  | 50-102 | 163 | 1.2                              |
| STPC-01  | 1                 | 200       | 170 | 115 | 50-102 | 221 | 1.3                              |
| STPC-02  | 2                 | 218       | 205 | 138 | 68-130 | 265 | 1.3                              |
| STPC-03  | 3                 | 275       | 236 | 157 | 82-153 | 305 | 1.5                              |
| STPC-05  | 5                 | 275       | 280 | 178 | 82-153 | 332 | 1.7                              |



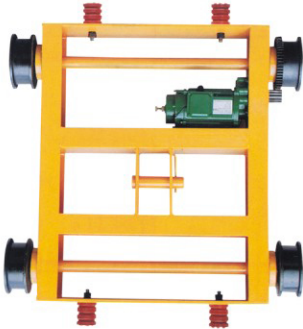
Single-track Power Trolley



Respective dollies in the system are independently driven.  
A structure composed of track, side track for horizontal movement, turnplate, and other sections, to form a 3D network for material conveyance.  
Multiple control mechanism, able for centralized control, scattered control, or distributed control measures, and the dollies are able to perform fullautomatic operations according to the set program.  
Random material supply system for random applications for vehicle request by service positions to be made through random material supply system, with random compilation of characteristic address code of service positions through dollies, for them to directly reach the stations where vehicles are requested for material supply.

| Type          | Length (m) | Power (kw) | Gear Dia. ( φ ) mm | Output gear | Load Capacity (Ton) | Crane Cross girder span (m) |
|---------------|------------|------------|--------------------|-------------|---------------------|-----------------------------|
| DGTC-1.25-130 | 1.25       | 0.4        | 130                | M3          | 1T                  | 6                           |
| DGTC-1.8-130  | 1.80       | 0.4        | 130                | M3          | 1T                  | 7-9                         |
| DGTC-2.2-130  | 2.20       | 0.4        | 130                | M3          | 1T                  | 10-12                       |
| DGTC-2.5-130  | 2.50       | 0.4        | 130                | M3          | 1T                  | 13-15                       |
| DGTC-1.5-150  | 1.50       | 0.4        | 150                | M3          | 2T/3T               | 6                           |
| DGTC-1.8-150  | 1.80       | 0.4        | 150                | M3          | 2T                  | 7-9                         |
| DGTC-2.2-150  | 2.20       | 0.4        | 150                | M3          | 2T                  | 10-12                       |
| DGTC-2.5-150  | 2.50       | 0.4        | 150                | M3          | 2T                  | 13-15                       |
| DGTC-3.0-150  | 3.00       | 0.4        | 150                | M3          | 1T                  | 16-19                       |
| DGTC-3.5-150  | 3.50       | 0.4        | 150                | M3          | 1T                  | 20-22                       |
| DGTC-1.8-180  | 1.80       | 0.4        | 180                | M4          | 3T                  | 7-9                         |
| DGTC-1.8-180  | 1.80       | 0.4        | 180                | M4          | 5T                  | 6                           |
| DGTC-2.2-180  | 2.20       | 0.4        | 180                | M4          | 3T                  | 10-12                       |
| DGTC-2.5-180  | 2.50       | 0.4        | 180                | M4          | 3T                  | 13-15                       |
| DGTC-3.0-180  | 3.00       | 0.4        | 180                | M4          | 2T                  | 16-19                       |
| DGTC-3.5-180  | 3.50       | 0.4        | 180                | M4          | 2T                  | 20-22                       |
| DGTC-1.8-200  | 1.80       | 0.75       | 200                | M4          | 7.5T                | 6                           |
| DGTC-2.0-200  | 2.00       | 0.75       | 200                | M4          | 5T/7.5T             | 7-9                         |
| DGTC-2.2-200  | 2.20       | 0.75       | 200                | M4          | 5T                  | 10-12                       |
| DGTC-2.5-200  | 2.50       | 0.75       | 200                | M4          | 5T                  | 13-15                       |
| DGTC-3.0-200  | 3.00       | 0.75       | 200                | M4          | 3T                  | 16-18                       |
| DGTC-3.0-200  | 3.00       | 0.75       | 200                | M4          | 5T                  | 16-17                       |
| DGTC-2.0-220  | 2.00       | 0.75       | 220                | M4          | 10T                 | 6                           |
| DGTC-2.5-220  | 2.50       | 0.75       | 220                | M4          | 15T                 | 6                           |
| DGTC-2.0-250  | 2.00       | 0.75       | 250                | M4          | 10T                 | 7-9                         |
| DGTC-2.5-250  | 2.50       | 0.75       | 250                | M4          | 7.5T/10T            | 10-12                       |
| DGTC-2.5-250  | 2.50       | 0.75       | 250                | M4          | 15T                 | 7-12                        |
| DGTC-3.0-250  | 3.00       | 0.75       | 250                | M4          | 7.5T/10T            | 13-17                       |
| DGTC-3.5-250  | 3.50       | 0.75       | 250                | M4          | 5T/7.5T/10T         | 18-22                       |
| DGTC-3.0-300  | 3.00       | 1.5        | 300                | M5          | 15T                 | 13-17                       |
| DGTC-3.5-300  | 3.50       | 1.5        | 300                | M5          | 15T                 | 18-22                       |

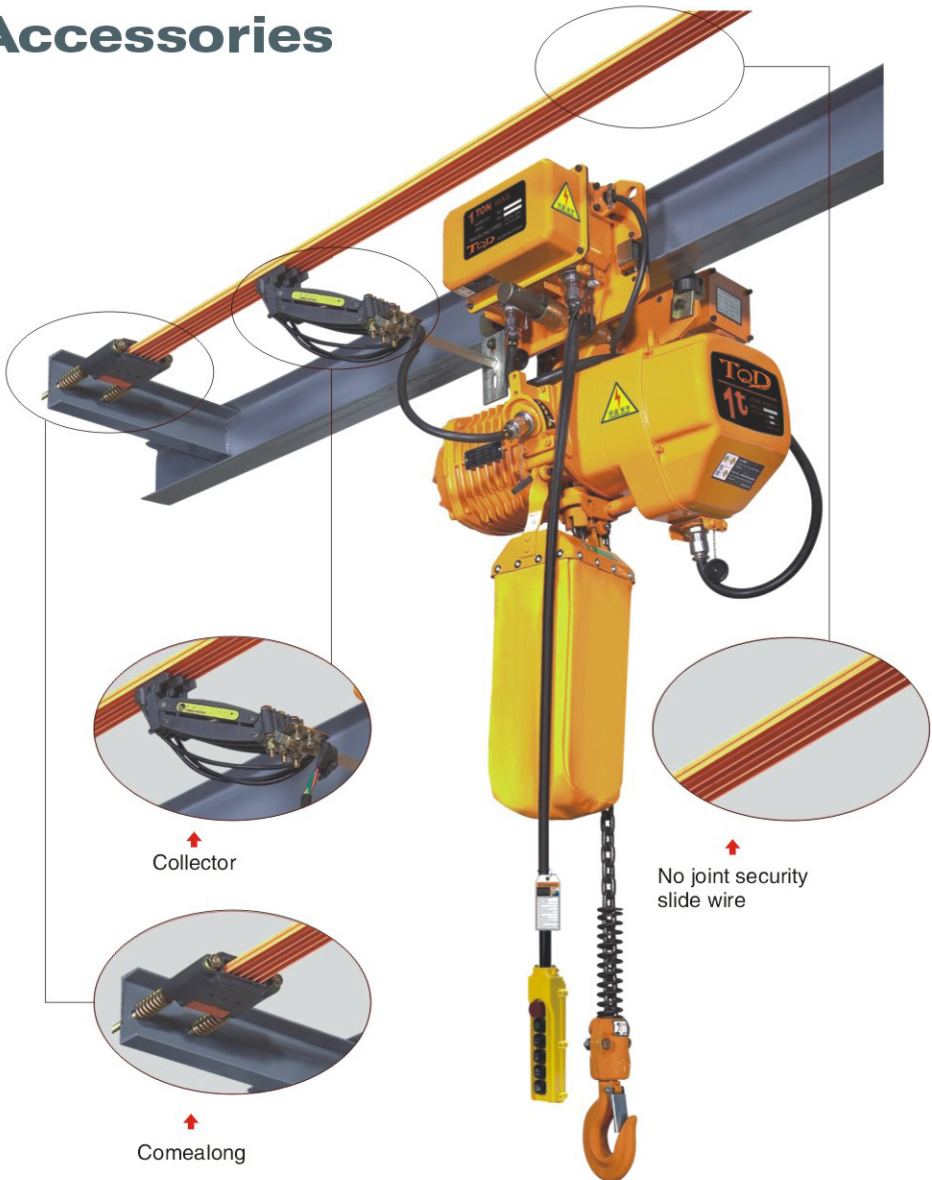
Double-track Power Trolley



Respective dollies in the system are independently driven.  
Multiple control mechanism, able for centralized control, scattered control, or distributed control measures, and the dollies are able to perform full automatic operations according to the set program.

| Type      | Load Capacity (Ton) | Speed (m/min) | Gear Dia.( φ ) mm | Motor       |
|-----------|---------------------|---------------|-------------------|-------------|
| SGTC-200  | 2                   | 20            | 150-180           | 0.4KW x 4P  |
| SGTC-300  | 3                   | 20            | 180               | 0.4KW x 4P  |
| SGTC-500  | 5                   | 23            | 200               | 0.75KW x 4P |
| SGTC-750  | 7.5                 | 23            | 240               | 0.75KW x 4P |
| SGTC-1000 | 10                  | 18            | 280               | 1.5KW x 4P  |
| SGTC-1600 | 16                  | 18            | 320               | 1.5KW x 4P  |
| SGTC-2000 | 20                  | 18            | 380               | 2.2KW x 4P  |
| SGTC-3000 | 30                  | 18            | 450               | 3KW x 4P    |

Hoist Accessories



Remote control for single speed.

Remote control for double speeds

Chain bag