

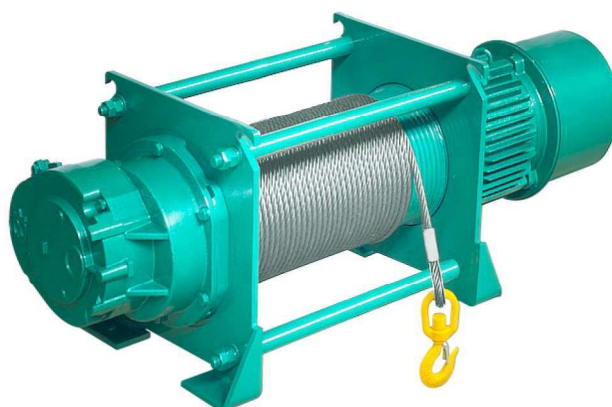
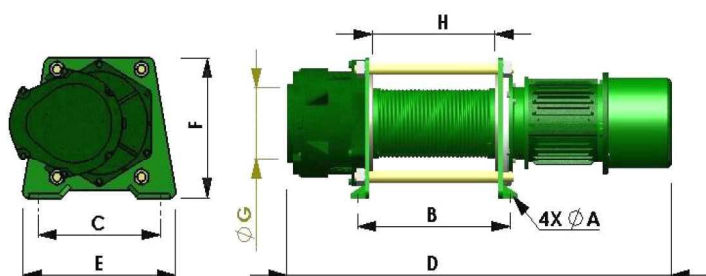
Hoisting motor – available with various voltages and insulation classification. For operator safety, low voltage control is standard.

AC Hoisting Brake – disc brake having the braking torque >150% rated torque of motor . The brake is holden even if power failure - ensuring the load is always stopped when the control button is released.

The safety factor is 5 times or more under the consideration of sheave efficiency. Standard wire is 6xSes (37)+FC for a long service life.

Helical gear - Since gear is made of SNCM220 and S45C and is treated with induction hardening, the surface is hard (50HR ~ 60HR) and inside is elastic. Gears are smoothly operated for an oil bath lubrication and superior to a wear and abrasion resistance.

Fine machining of the drum grooves minimizes wear on the rope, the return sheaves are resistance to wear.



| Order Code | | 1WF | 2WF | 3WF | 5WF | 10WF |
|---------------------------------------|-------|--------------------------------|-------------|------------|------------|---------|
| Capacity (KN) | | 10 | 20 | 30 | 50 | 100 |
| Lifting Speed (M/min) | 50 HZ | 8.6 ~ 10.5 | 9 ~11.3 | 8.8 ~ 11.1 | 8.8 ~ 10.7 | 6 ~ 7.5 |
| | 60 HZ | 10.3 ~ 12.5 | 10.8 ~ 13.5 | 10.5~13.3 | 10.5~12.8 | 7.2 ~ 9 |
| Hoisting Motor (Kw) | | 2.2 | 5.5 | 7.5 | 11 | 18.5 |
| Dia. Of Rope (mm) | | 10 | 12 | 16 | 20 | 28 |
| Full Storage (m) | | 100 | 100 | 100 | 120 | 120 |
| Power Supply | | 3Φ220/380/415/440/460V 50/60Hz | | | | |
| Control Mode | | IP 65 Pendant Push Button | | | | |
| Approximate Dimensions (unit : mm) | A | 4 x Φ17 | 4 x Φ17 | 4 x Φ22 | 4 x Φ28 | 4 x Φ28 |
| | B | 500 | 500 | 620 | 750 | 850 |
| | C | 400 | 420 | 500 | 600 | 700 |
| | D | 1230 | 1230 | 1360 | 1700 | 1900 |
| | E | 500 | 520 | 650 | 750 | 900 |
| | F | 510 | 550 | 680 | 800 | 900 |
| | ΦG | 192 | 216 | 278 | 324 | 466 |
| | H | 400 | 400 | 500 | 600 | 700 |

Option

- Tube Axial Fan** – controlled by timer , especially suitable for use in hot location & frequency hoisting demand.
- Two Hoist Speed Control** – Twin motor mechanism with 10:1 or 6:1 speed ratio. For even smoother acceleration and infinitely variable speed control, a frequency controller is available for all mode.
- PTC thermistor temperature sensors** – It can monitor or protect the motor temperature condition.
- Higher protection class motor and electronic box, like **IP65.IP55.IP54**...etc.
- Radio remote control system** – Portable Transmitter & Radio receiver .
- Pressure Roller**- It is helpful to storage rope on drum regularly.
- Rope Guider**- The excellent way to storage rope on drum regularly.
- Lifting Hook** – It can rotate 360 degree and safety factor > 5.