

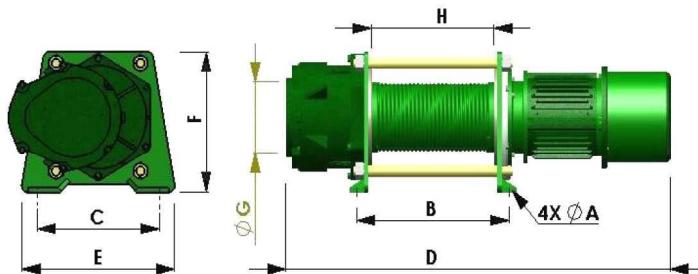
Hoisting motor – available with various voltages and insulation classification. For operator safety, low voltage control is standard.

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
	60 HZ	10.3 ~ 12.5	10.8 ~ 13.5	10.5~13.3	10.5~12.8
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 Ø17	4 x Ø17	4 x Ø22	4 x Ø28
	B	500	500	620	750
	C	400	420	500	600
	D	1230	1230	1360	1700
	E	500	520	650	750
	F	510	550	680	800
	ΦG	192	216	278	324
	H	400	400	500	600

### Option



1. **Tube Axial Fan** – controlled by timer , especially suitable for use in hot location & frequency hoisting demand.
2. **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.
3. **PTC thermistor temperature sensors** – It can monitor or protect the motor temperature condition.
4. Higher protection class motor and electronic box, like **IP65.IP55.IP54...etc.**
5. **Radio remote control system** – Portable Transmitter & Radio receiver .
6. **Pressure Roller**- It is helpful to storage rope on drum regularly.
7. **Rope Guider**- The excellent way to storage rope on drum regularly.
8. **Lifting Hook** – It can rotate 360 degree and safety factor > 5.