



**alpha**



## 500Kg-5Ton

1. Three meters of lifting height and power supply cable as standard accompanies.
2. Extending the load chain is prohibited with additional links.
3. Optional lifting length, push button cord and power supply cable besides standard is available on your request.
4. Canvas chain container are standard accompanies. Steel chain containers are available if your lift is more than capacity of the standard container volume.
5. Emergency stop button on the push button switch, push it down, the motor circuit will be cut off.
6. Power voltage: 220V-690V, dual voltage are available. 50Hz and 60Hz are optional.
7. Control voltage: 24V, 36V, 48V are optional.
8. Wireless remote control can be assembled.

Dual Speed

Technical Parameter

Model	SSDHL									
	0.5-01D	01-01D	1.5-01D	02-01D	02-02D	2.5-01D	03-01D	03-02D	03-03D	05-02D
Capacity(t)	0.5t	1t	1.5t	2t		2.5t	3t			5t
Lifting speed (m/min)	7.2/2.4	6.9/2.3	9.0/3.0	6.9/2.3	3.3/1.1	5.4/1.8	5.4/1.8	4.5/1.5	2.4/0.8	2.7/0.9
Motor power (Kw)	0.8/0.27	1.8/0.6	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0
Rotation speed (r/min)	2880 / 960									
Insulation grade	F									
Power supply	3P 220V-690V									
Control voltage	24V / 36V / 48V									
No.of chain	1	1	1	1	2	1	1	2	3	2
Spec.of load chain	Φ6.3	Φ7.1	Φ10.0	Φ10.0	Φ7.1	Φ11.2	Φ11.2	Φ10.0	Φ7.1	Φ11.2
Net weight (kg)	54	74	144	150	86	148	159	168	102	184

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### Electric Trolley <<

The range of flange width is adjustable. Motor include disc type brakes. Side guide rollers are to promote the trolley motion smooth and minimize the wear of wheel and beam.

### Heavy Duty Hoist Motor <<

Light aluminium 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.

### Safe Brake System <<

Electric brake is designed for easy access and simple adjustment. It allows instant brake as soon as the electric power is cut off. Thus the braking safety while loading is guaranteed.

### Upper and Lower Limit Switch <<

The limit switch will cut off the motor circuit and prevent the damage to hoist structure and load chain when over-lifting or over-lowering happens.

### Inverse Phase Sequence Protecting Device <<

It's the special electrical installation of controlling the circuit not work in case of wiring error in the power supply.

### Load Sheave / Reduced Vibration <<

Increasing the number of load sheave pockets helps relieve vibrations produced by revolving polygonal sheave on the hoist's body and load chain.

### Load Chain <<

G80 FEC Ultra heat-treatable alloy steel chain, has a high resistance to wear and corrosion.

### Hooks <<

Load hook is forged carbon steel hook with a heavy-duty hook latch. Thrust bearing in hook allows 360° rotation to prevent twisting of load chain. Top hook, for hook suspended hoist is rigid.

### Chain Container <<

Canvas chain container is a standard fittings. Operation fabricated steel containers are available for long lift applications.

### Push Button Control <<

Compact design to enable one-handed operation. Rated IP55 protection. Emergency stop button is included. Push button cable has strain relief to prevent cable damage.

