

# JC-2A Continuously Variable Winch

## Summary

JC-2A continuously variable winch is used in geophysical, hydrological, coalfield logging operations to complete lifting and lowering logging tools and cables tasks portable equipment, it can be widely used in all kinds of logging instruments.

## I. Main technical features

1. When the winch using WTQEF seven-core cable ( $\Phi 11.3$  mm), it can be used for shallow wells within 250 m of the job; when using YHK-4 armored four-core cable ( $\Phi 4.76$  mm), it can be used within 1500 m the deep job.
2. The winch uses the mechanical chain drive, the structure is compact, use the frequency converter to control the motor speed, realize step less speed regulation.
3. The winch collector rings with four core outputs can be used to detect a variety of logging and transmission of technical data.
4. The winch mainly made by the rack, roller, motor, reducer, control boxes and other components, with small size, light weight, easy to operate and so on the characteristic.

## II. Main technical specifications

1. The maximum logging depth: WTQEF seven-core rubber cable  $\Phi 11.3$  mm when 250m;  
When YHK-4 armored four-core cable  $\Phi 4.76$  mm, 1500m;
2. The maximum lifting capacity: 100kg;
3. The maximum lifting speed: 1500 m / h;
4. The motor speed range: (0 ~ 1400) r / min;
5. The drum diameter: 112 mm;
6. Equipped with cable (The user to match): WTQEF seven-core rubber cable  $\Phi 11.3$  mm;  
YHK-4 armored four-core cable  $\Phi 4.76$  mm;
7. With motor: three-phase induction motor Speed: 1400 r/min Power: 1100w;
8. Equipped with speed reducer: Modulus: 2.5 Reduction ratio: 40: 1
9. Transmission chain pitch: 13mm;
10. Dimensions: 125cm  $\times$  67cm  $\times$  75cm;
11. Power supply: AC220V  $\pm$  10%, 50Hz;
12. Winch weight: 85kg (without cable).

