



河北雄安盛蕴科技有限公司  
HEBEI XIONGAN SHARE TECHNOLOGY CO., LTD

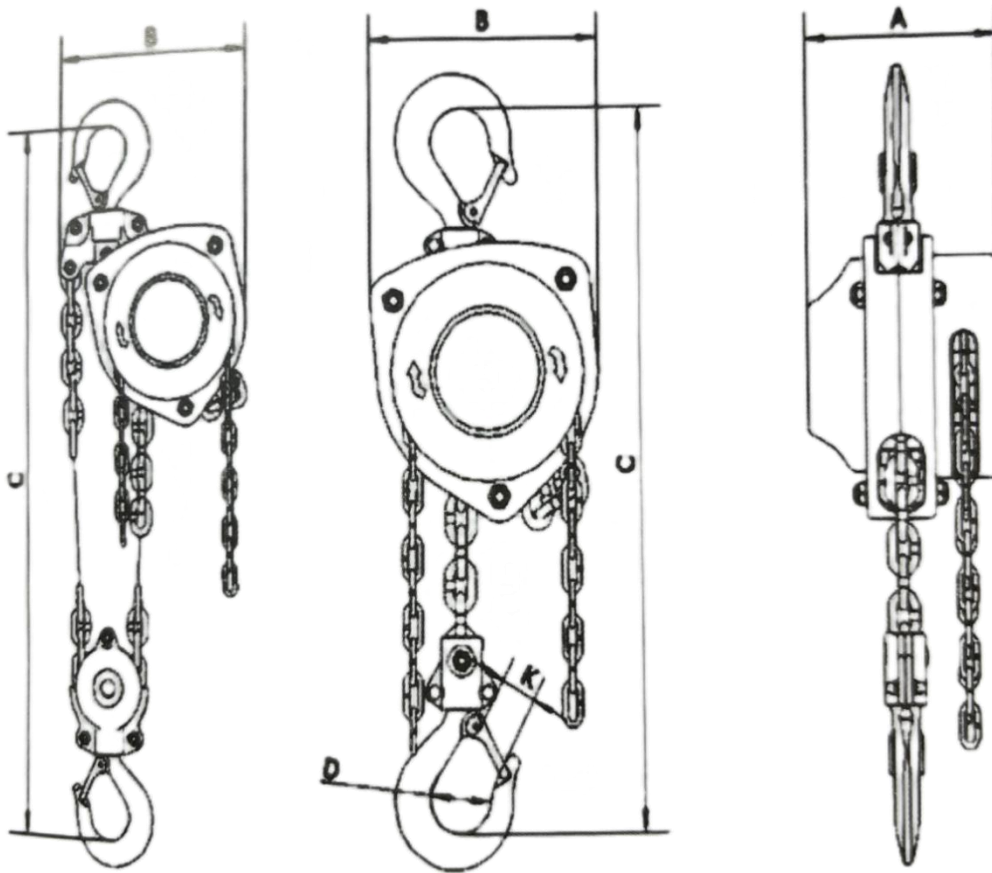
# FKS type Manual Chain Hoist

## OPERATING INSTRUCTIONS



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## 1. Product Parameters



| Model                       | FKS 1T | FKS 2T | FKS 3T | FKS 3T | FKS 5T |       |
|-----------------------------|--------|--------|--------|--------|--------|-------|
| Capacity (T)                | 1      | 2      | 3      | 3      | 5      |       |
| Lifting Height (m)          | 2.5    | 2.5    | 3      | 3      | 3      |       |
| Test Capacity (T)           | 1.5    | 3      | 4.5    | 4.5    | 7.5    |       |
| Full Load Hand Pull (N)     | 270    | 334    | 261    | 411    | 358    |       |
| Diameter of Load chain (mm) | 6x18   | 8x24   | 8x24   | 10x30  | 10x30  |       |
| Falls of Chain              | 1      | 1      | 2      | 1      | 2      |       |
| Main Dimensions (mm)        | A      | 139.5  | 158    | 158    | 171.5  | 171.5 |
|                             | B      | 155    | 192    | 233    | 226    | 273   |
|                             | C      | 385    | 485    | 585    | 575    | 665   |
|                             | D      | 44     | 50.5   | 58.5   | 58.5   | 68.5  |
|                             | K      | 29     | 34     | 40     | 40     | 47    |

## 2. Product Introduction

Before initial use, all users must carefully read this operating manual. This manual will familiarize users with the product and enable them to utilize it to its maximum potential.

This manual contains instructions on how to use the machine safely, correctly, and economically. Following these instructions will help users avoid product damage, reduce maintenance costs, and increase the durability and lifespan of the equipment.

In addition to being applicable to this manual chain hoist, these operating instructions and accident prevention regulations are also fundamental principles to be followed for safe and professional work.

### **3. Pre-Operation Inspection**

Each machine must be inspected by a qualified person before initial use. Inspect the functionality and appearance of the equipment to ensure that it has not been damaged during transportation and storage. This inspection should be carried out by the manufacturer, supplier's representative, or a user who has received professional training.

#### Inspection

Before use, inspect each part of the equipment for any defects. Additionally, check the brakes, ensure proper connection of chains and hoist, and perform a brief lifting and lowering test.

#### Chain Inspection

Check if the chain has sufficient lubrication and examine it for any external defects such as deformation, breakage, wear, or corrosion. For chains with more than or equal to two rows, check if they are twisted, and the chain's end should face away from the pulley.

#### Inspection of Hooks

Inspect the hooks for any deformations, damages, breakages, wear, or corrosion.

### **4. Operating Instructions**

#### Lifting

Pull the hand chain clockwise to lift the load. The load must be placed in the center of the hook and should not be placed on the tip of the hook. The same rule applies for hooking.

#### Lowering

Pull the hand chain counterclockwise to lower the load.

#### Overload Protection (optional feature)

The overload protection is pre-installed at the factory. When the load exceeds the preset overload limit, which is 1.2 times the rated load, the protection device will be activated. In this case, the hand chain will be locked, allowing only lowering and preventing lifting.

### **5. Maintenance**

To ensure the safe use of the manual chain hoist, regular inspections must be conducted by a qualified person. Inspections can be done annually, or more frequently if unfavorable conditions suggest it. Check for component damage, wear, corrosion, or any irregular damages to the lifting equipment. Thoroughly and effectively inspect all safety devices, and perform brake and load tests. If conditions permit, disassemble the hoist to inspect for worn-out parts, and repairs should be carried out by a workshop with professional expertise and genuine replacement parts.

### **6. WARNING: 8 “Don’t” for Ensuring Safe Operation**

1. Don’t attempt to lift a load heavier than the specified weight.  
(and don’t perform excess fixed drgging)
2. Don’t use bent or admaged parts.
3. Don’t attach the upper and lower hooks incorrectly or out of alignment.
4. Don’t apply jolting force when using the chain block.
5. Don’t use twisted or kinked chains.
6. Don’t wind or unwind the chain too far.
7. Don’t forget to check that the holder pawlis firmly holding the holder plate.
8. Don’t try to suspend one load with two chain blocks.

