

Operating Manual

Chain Hoist

62593, 62594, 62595



Illustration similar, may vary depending on model

Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.



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Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it. Keep these operation instructions in a safe place.

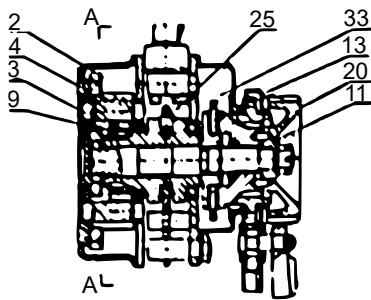


Figure 1

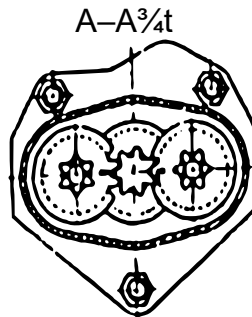


Figure 2

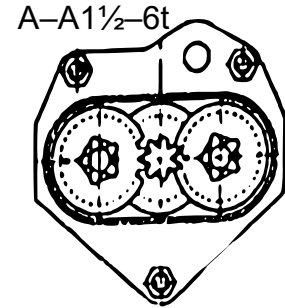


Figure 3

Use

This chain hoist is a highly efficient and versatile tool widely used in shipbuilding, power plants, traffic, construction sites, mining, post offices, and telecommunications. It is suitable for installing machines or for lifting and pulling goods. It is particularly used in narrow, open, and covered places for lifting and pulling at any angle.

Features

The main components of this chain hoist series, made of high-quality steel, have the following features of design and usage:

1. safe, reliable, and durable in use,
2. excellent performance and maintenance,
3. small volume, light weight, and portable size,
4. easy hand pull and high efficiency,
5. advanced structure and attractive appearance.

Construction

The chain hoist is equipped with a gearbox, a two-stage gear mechanism, and a spring clutch system. Its main function is as follows:

Use of the free gear system

If nothing is hooked on, the selection lever is on "C" (centre). The spring adjusts the load chain, so that it is easy to pull, and the lower hook, which can be adjusted to any position.



Lifting load

Set the adjustment lever to “UP” and turn the lever handle to the right to press the friction plates **(20)** and the ratchet disc **(13)** firmly against the brake seat **(33)**; then the drive shaft **(11)**, disc **(2)**, pinion shaft **(4)**, and gearwheel **(3)** can be driven. The load chain and lever handle are used to gently lift the load (see Fig. 1).

Instructions for use

1. Do not overload the chain hoist.
2. Do not operate the chain hoist with a motor. It is only intended for manual operation.
3. All moving parts should be well always lubricated.
4. Before starting up, make sure that the various parts are not damaged and that the idle is in good condition.
5. Immediately stop operating if you suddenly need to exert more force than normal on the lever handle. Check the following:
 - Has something got stuck on the load?
 - Are there any problems with parts of the block?
 - Is the load heavier than the chain hoist can lift (nominal capacity)?

Technical specifications

Item number	62593	62594	62595
Max. capacity (kg)	750	1500	3000
Chain length (m)	1.5	1.5	1.5
Load chain width (mm)	6	8	10
Drum (without lever) (mm)	130×120×110	170×150×140	220×180×150
Max. hook opening (mm)	20	25	30
Inner diameter hook (mm)	35	40	48
Weight (kg)	6.5	11	17

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