

SE 100.12

Hydraulic loading device, 1x200kN



1 loading device with press cylinder, 2 truss with load shoe SE 100.04

Description

- loading device for generating compressive or tensile forces
- any position within the frame of SE 100

This accessory for SE 100 contains a hydraulically operated loading device.

The loading device consists of a double acting hydraulic cylinder and a hand-operated pump. The press cylinder of the loading device is double-acting, allowing both compressive and tensile forces to be generated.

The loading device is mounted on rollers and can be positioned at any point within the frame.

The pump is mounted on a table. Pump and press cylinder are connected by means high-pressure hoses and quick-release couplings.

Specification

- [1] one hydraulically operated loading device, especially designed for load tests with SE 100
- [2] supported on rollers and can be positioned anywhere within the frame of SE 100
- [3] one hand-operated two-stage pump with automatic switchover
- [4] generation of compressive and tensile forces
- [5] accessory for SE 100, frame for load testing

Technical data

Press cylinder

- force max.: 200kN
- stroke max.: 268mm
- piston area
 - ▶ pressure: 31,6cm²
 - ▶ tension: 17,1cm²
- force/pressure ratio
 - ▶ pressure: 0,310kN/bar
 - ▶ tension: 0,167kN/bar

Pump, two-stage

- lever force max.: 390N
- pressure max.: 700bar
- flow rate
 - ▶ 1st stage: 18cm³/stroke
 - ▶ 2nd stage: 2,8cm³/stroke
- oil content: 2000cm³

Loading device

LxWxH: 615x250x527mm

Weight: approx. 77kg

Table, Weight: approx. 42kg

Scope of delivery

- 1 loading device
- 1 table
- 1 pump
- 1 set of hoses
- 1 set of tools

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Required accessories

SE 100 Frame for load testing, 400kN