

# Yale

## Hollow piston cylinder YCS, Pressure / Stroke: 21/150 t / mm



### Order data

Order number	086070 21/150
GTIN	4025092150903
Item class	08Y

### Description

#### Version:

Yale hydraulic equipment is made of high quality **CrMo steel** for significantly higher strength in the "elastic range" resulting in a **very long working life**. All components and attachments satisfy **metric standard ranges**, which considerably simplifies assembly, service, and the procurement of spare parts. **100 % compatibility** with all 700 bar hydraulic systems.

Due to their **central through hole**, these cylinders are suitable for applications where a high tensile force has to be exerted via a **threaded spindle**, quick-release connection.

All components and attachments satisfy **metric standard ranges**, which considerably simplifies assembly, service, and the procurement of spare parts. **100 % compatibility** with all commercially-available 700 bar hydraulic systems.

#### Application:

**Pre-loading** of anchor fastenings, **pressing bearings, axles, and shafts in and out, pulling off** gear wheels and pulleys, and pulling or moving heavy fabrications.

#### Supplied with:

Supplied with 3/8 NPT pressure connection. Equipment is supplied ready to use, including connection sleeve, hardened steel load piece (head) and securing thread **without** connection hoses and adaptors.

#### Note:

**Closed systems are pre-mounted ex works, filled and air bled.**

Hydraulic hand pump see No. 086050, hydraulic hose No. 086081.

Lifting height: 150 mm

Oil volume: 458 ml

Cylinder external Ø: 100 mm

Through hole Ø: 27 mm

Length retracted: 335 mm

maximum compressive force: 214 kN

## Technical description

Weight	15 kg
Length retracted	335 mm
Oil volume	458 ml
Lifting height	150 mm
Through hole Ø	27 mm
maximum compressive force	214 kN
Cylinder external Ø	100 mm
Type of product	Hydraulic cylinder