

# Yale

**Hollow piston cylinder YCS, Pressure force / stroke (t / mm): 12/40**



## Order data

Order number	086070 12/40
GTIN	4025092150873
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.

## Technical description

Through hole Ø	20 mm
----------------	-------

Lifting height	40 mm
Cylinder external Ø	70 mm
Weight	3.5 kg
maximum compressive force	120 kN
Length retracted	142 mm
Oil volume	71 ml
Type of product	Hydraulic cylinder