

# Yale

## Hollow piston cylinder YCS, Pressure / Stroke: 12/75 t / mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 086070 12/75  |
| GTIN         | 4025092150880 |
| 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: 75 mm

Oil volume: 132 ml

Cylinder external Ø: 70 mm

Through hole Ø: 20 mm

Length retracted: 195 mm

maximum compressive force: 120 kN

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## Technical description

|                           |                    |
|---------------------------|--------------------|
| Length retracted          | 195 mm             |
| Weight                    | 4.5 kg             |
| maximum compressive force | 120 kN             |
| Through hole Ø            | 20 mm              |
| Lifting height            | 75 mm              |
| Oil volume                | 132 ml             |
| Cylinder external Ø       | 70 mm              |
| Type of product           | Hydraulic cylinder |