

Yale

Hollow piston cylinder YCS, Pressure / Stroke: 21/50 t / mm



Order data

Order number	086070 21/50
GTIN	4025092150897
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: 50 mm

Oil volume: 153 ml

Cylinder external Ø: 100 mm

Through hole Ø: 27 mm

Length retracted: 173 mm

maximum compressive force: 214 kN

Technical description

Oil volume	153 ml
Length retracted	173 mm
Cylinder external Ø	100 mm
Weight	8.5 kg
maximum compressive force	214 kN
Through hole Ø	27 mm
Lifting height	50 mm
Type of product	Hydraulic cylinder