

Features

- Capacity: 144 Ton
- Stroke: 45 mm
- Load return. Locking nut tested under 50% overload.
- Locking nut mechanically supports the load for long periods of time.
- Hydraulic limit switch. Without guide stop.
- Integrated tilting head for improved lateral load behavior.
- Body and nut treated to improve resistance to corrosion and lateral loads.

RS PRO Hydraulic Cylinders

RS Stock No.: 235-8261



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS PRO extra-flat cylinders used in applications in which holding the load for long periods of time is required. Locking nut tested under 50% overload.

Lifting eyes for transportation and position.

The single acting hydraulic cylinders have only one female quick coupler.

If the coupler has to be installed on the cylinder, apply Teflon around the 3/8" NPT male thread of the coupler.

General Specifications

Cylinder Type	Nitrided Steel, Solid Plunger, Load Return
Single/Double Acting	Single Acting
Capacity	144 Ton
Stroke	45 mm
Cylinder Effective Area	201.1 cm ²
Oil Capacity	905 cm ²
Body Material	Nitrided Steel
Saddle Type	Standard Plain
Handles	Yes
Applications	Low profile applications such as machine movement, fixture clamping, load testing...

Mechanical Specifications

Maximum Operating Pressure	700 bar - 10150 psi
Closed Height	148 mm
Extended Height	193 mm
Weight	39 kg
Lock Nut Height	38 mm
Cylinder Base to Advance Port	28 mm
Saddle Protrusion from Plunger	9 mm

Diameters:

Cylinder Bore	160 mm
Outside Diameter	205 mm
Plunger	Tr 160x6 mm
Saddle	148 mm

Approvals

Compliance/ Standards

CE, UKCA

