

## Features

- Capacity: 10 Ton
- Stroke: 11 mm
- Low profile, for use in confined spaces.
- With two parallel sides to work in horizontal position.
- With through holes for easy fixing.
- Nitrided to improve corrosion and wear resistance.
- With chrome-plated plunger and scraper to extend cylinder life.
- Optional tilting saddle.

## RS PRO Hydraulic Cylinders

RS Stock No.: 235-8253



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 low profile cylinders, for applications in confined spaces: movement of machines, clamping of tools.

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, Spring Return   |
| Single/Double Acting    | Single Acting  |
| Capacity                | 10 Ton   |
| Stroke                  | 11 mm  |
| Cylinder Effective Area | 15 cm <sup>2</sup>   |
| Oil Capacity            | 16 cm <sup>2</sup>   |
| Body Material           | Nitrided Steel   |
| Saddle Type             | Standard Plain   |
| Handles                 | No   |
| Applications            | Low profile applications such as machine movement, fixture clamping, load testing... |

## Mechanical Specifications

|  |                     |
|--|---------------------|
| Maximum Operating Pressure             | 700 bar - 10150 psi |
| Closed Height                          | 43 mm               |
| Extended Height                        | 54 mm               |
| Weight                                 | 1.6 kg              |
| Distance From Fixing Holes To Plunger  | 33 mm               |
| Distance From Plunger To Cylinder Back | 29 mm               |
| Fixing Holes Distance                  | 37 mm               |
| Cylinder Width                         | 56 mm               |

### Diameters:

|               |        |
|---------------|--------|
| Cylinder Bore | 43 mm  |
| Plunger       | 38 mm  |
| Fixing Holes  | 6.5 mm |

## Approvals

|                       |          |
|-----------------------|----------|
| Compliance/ Standards | CE, UKCA |
|-----------------------|----------|

