

50-Ton Single-Acting Hydraulic Cylinder

This super-thin, single-acting hydraulic cylinder is designed for space-constrained applications. It provides a 50-ton capacity with an 18mm stroke for powerful lifting in a compact size.



Product Overview

Compact 50-Ton Hydraulic Power

This 50-ton single-acting hydraulic cylinder is engineered for high-force applications in constrained environments where space is at a premium. Featuring a low-profile design and automatic plunger retraction, it provides efficient lifting performance in narrow workspaces. The durable, chrome-plated plunger surface ensures long-term reliability and protection against wear during intensive MRO and industrial operations.

Key Performance Metrics

Operational Metrics

50 T

Capacity

16 mm

Stroke

7 kg

Weight

Technical Specifications

Dimensional Data

Parameter	Value
Collapsed Height (mm)	69
Extended Height (mm)	85
Outside Diameter (mm)	138
Cylinder Bore Diameter (mm)	95
Plunger Diameter (mm)	85

Hydraulic Properties

- Effective Area: 56.7 cm²
- Oil Capacity: 0.113 L
- Input Oil-Port Thread: 3/8"-19

Features

Design Features

Single-Acting, Low Height, Automatic Retraction, Chrome-Plated Plunger, Compact Design