

FPCP-235 Pedal pump-cylinder unit

- with pushing cylinder

The FPCP-235 combines a pedal operated pump with a pushing cylinder and an oil reservoir into a single stainless steel unit.

Application

FPCP-235 is designed to be used for height adjustment or tilt jack on containers, trolleys etc. as an all-in-one hydraulic system.

Features

- ☑ Throttled retraction to prevent sudden drop of load
- ☑ Spring centered pedal
- ☑ Cleaning friendly
- ☑ Sealed according to IP68
- ☑ Maintenance free
- ☑ Easy to install
- ☑ Customized pedal designs possible

Specifications

Stroke (standard)	Fluid
235 mm	Mineral/Synthetic oil
Pump/piston ratio	Extraction/stroke
1:4	5 mm
Reservoir	Weight
0.8 L	6.5 kg



Installation

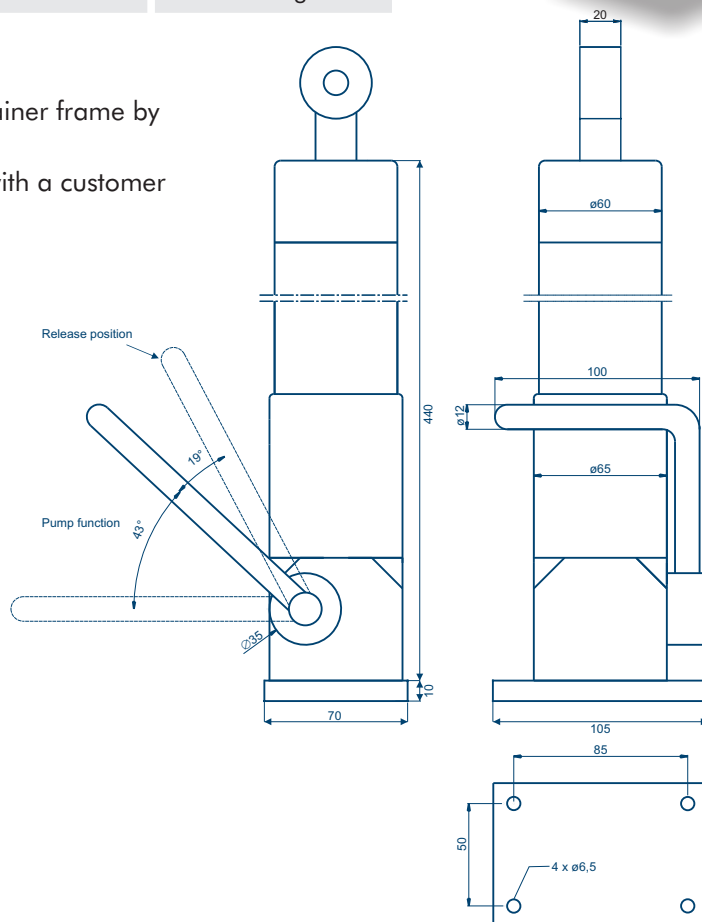
The lower base flange is attached to the container frame by means of four bolts.

The piston rod can be fitted on to the frame with a customer specific end bracket.

Hydraulics

The FPCP-235 is factory filled with hydraulic fluid (fulfilling NFS-H1 requirements) and virtually maintenance free.

The pump/cylinder piston area ratio is 1:4, so a force of 1 kN applied to the pedal equals a cylinder pushing force of 4 kN.



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FPC-250 Pedal pump-cylinder unit

- with pulling cylinder

The FPC-250 combines a pedal operated pump with a pulling cylinder and an oil reservoir into a single stainless steel unit.

Application

FPC-250 is designed to be used for height adjustment of working platforms as an all-in-one hydraulic system.

Features

- ☑ Throttled retraction to prevent sudden drop of load
- ☑ Spring centered pedal
- ☑ Joint-like fixtures
- ☑ Cleaning friendly
- ☑ Sealed according to IP68
- ☑ Maintenance free
- ☑ Easy to install
- ☑ Customized pedal designs possible

Specifications

Stroke (standard)	Fluid
250 mm	Mineral/Synthetic oil
Pump/piston ratio	Contraction/stroke
1:5	10 mm
Reservoir	Weight
1 L	7 kg



Installation

The lower joint-like fixture is attached to the platform floor and can compensate for a certain amount of platform misalignment.

The piston rod is hinged on a fork-fixture on the platform frame.

Hydraulics

The FPC-250 is factory filled with hydraulic fluid (fulfilling NFS-H1 requirements) and virtually maintenance free.

The pump/cylinder piston area ratio is 1:5, so a force of 1 kN applied to the pedal equals a cylinder pulling force of 5 kN.

