



Single-acting hollow piston cylinders

with spring return



10 - 40 t
50 - 100 mm

500 bar

Light alloy allrounder for lifting, pulling or tensioning

LUKAS hollow-piston cylinders are used to lift loads and to pull fixed elements from rods, push in bearings or tension steel cables. They are particularly light (up to 40% lighter than comparable steel cylinders), making them much easier to use in all positions.

Facts:

- Significantly reduced weight makes for easier handling
- Piston rods with through bores for a wide range of applications
- Optional attachment holes in the cylinder base

Benefits

- With quick-release coupler for connection to the safe quick-stop system
- Metric external threads in most models
- High lateral load tolerance
- Scraper ring for reduced wear
- Full-load stroke limit



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, unique worldwide, protects you against unintended lowering of the load while the lower maximum pressure results in extended service life for all components.

For further information on this product, please contact us directly.

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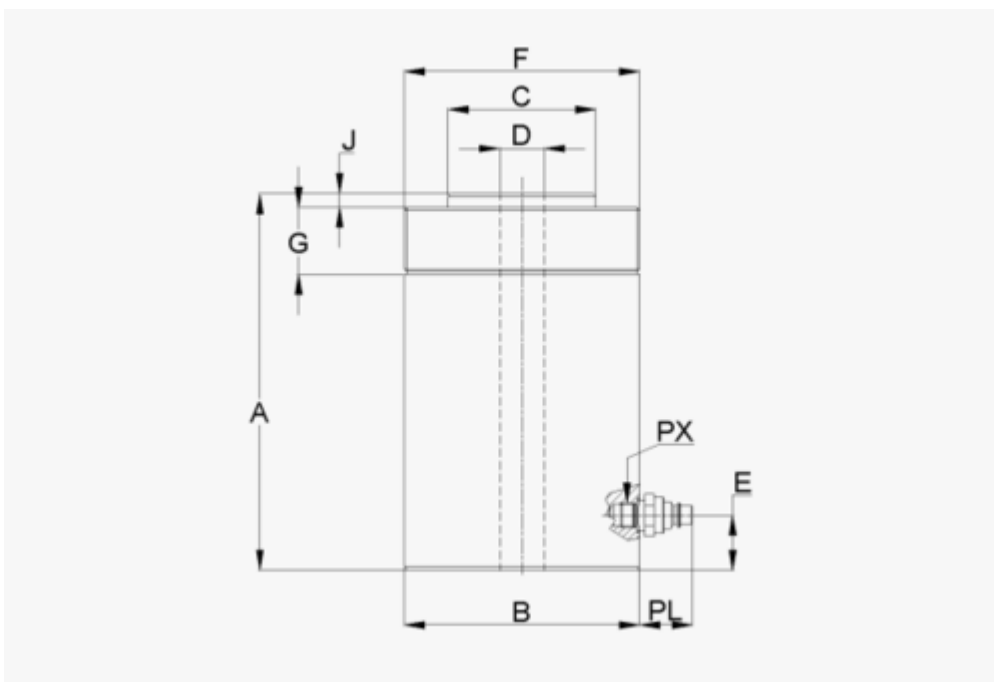
Find nearest contact:

industrial.lukas.com/Service/Find+a+contact.html

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Technical data 500 Bar



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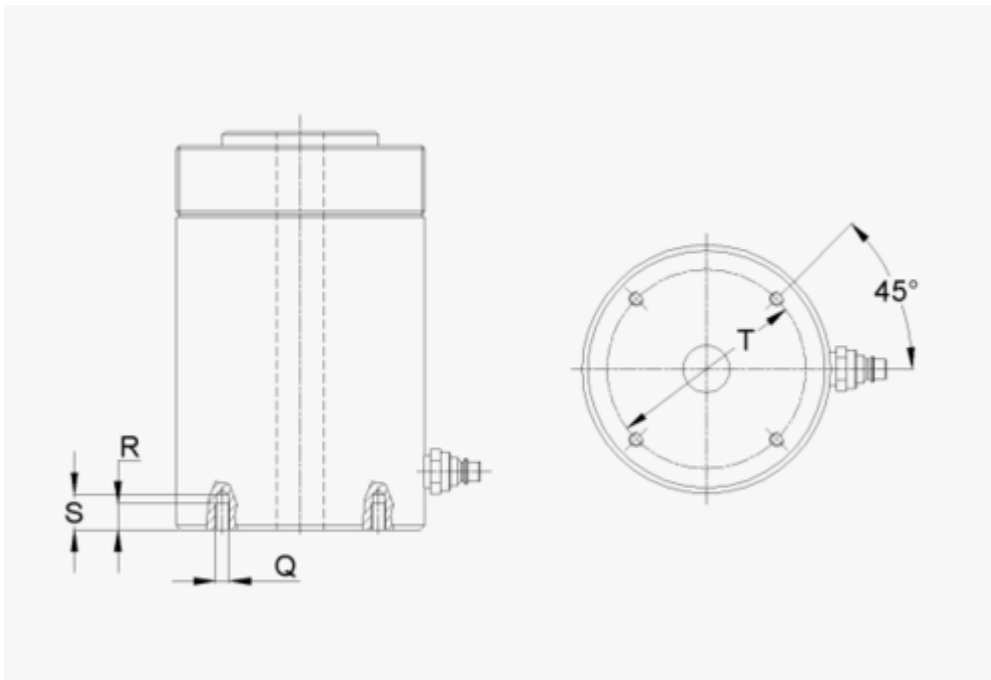
type (type)	order no.	lifting cap. (kN)	stroke (mm)	effective area (cm ²)	required oil cap. (l)	A (mm)	B (Ø mm)	C (Ø mm)	D (Ø mm)	E (mm)	F	G (mm)	J (mm)	PX	PL (mm)	weight (kg)
LZOH 10/50-20,5	84142/2108	120	50	24.1	0.1	147	85	45	20.5	22	--	--	2	M 18x1.5	44	3.2
LZMH 25/50-33	84142/3008	238	50	47.7	0.25	225	125	63	33	23	M 100x2	50	10	M 18x1.5	44	7.9
LZMH 25/100-33	84142/6011	238	100	47.7	0.5	285	125	63	33	23	M 100x2	50	10	M 18x1.5	44	10
LZMH 40/100-37	84142/6411	377	100	75.4	0.8	275	150	80	37	23	M 150x3	50	14	M 18x1.5	44	13.2

Cylinders are even with carrying handles available
(standard for LZMH 40/100-37).

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Fixing holes



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type (type)	D	H (mm)	X (mm)	P (mm)	Q	R (mm)	S (mm)	T (mm)
LZOH 10/50-20,5	--	--	--	--	M 8	13	18	66
LZMH 25/50-33	--	--	--	--	M 8	13	18	100
LZMH 25/100-33	--	--	--	--	M 8	13	18	100
LZMH 40/100-37	--	--	--	--	M 8	13	18	125



LUKAS

Germany's finest hydraulics

LUKAS – the name in hydraulic tools.

High-quality hydraulic tools for industrial applications: LUKAS has developed and produced them in Germany since 1948. Wherever you need to move heavy loads, with our products you have a strong partner at your side. Only LUKAS offers these advantages:

German quality

With few exceptions, LUKAS products are developed and manufactured from start to finish in Germany. That is the only way we can maintain our high standard of quality and monitor our entire production chain. Our highly skilled team works with great attention to detail - and is always a step closer to our customers.



The original

In 1948, LUKAS was the first brand to offer high-quality hydraulic tools for industrial applications. Since then our engineers have always kept a step ahead of developments so we can offer the guaranteed best quality.

Unique customer focus

LUKAS is the only manufacturer to offer you customer-oriented direct sales. Our experienced sales team can give you excellent advice because they understand your needs and can offer you tailored solutions.