

HHA | SINGLE ACTING HOLLOW PISTON ALUMINIUM CYLINDERS



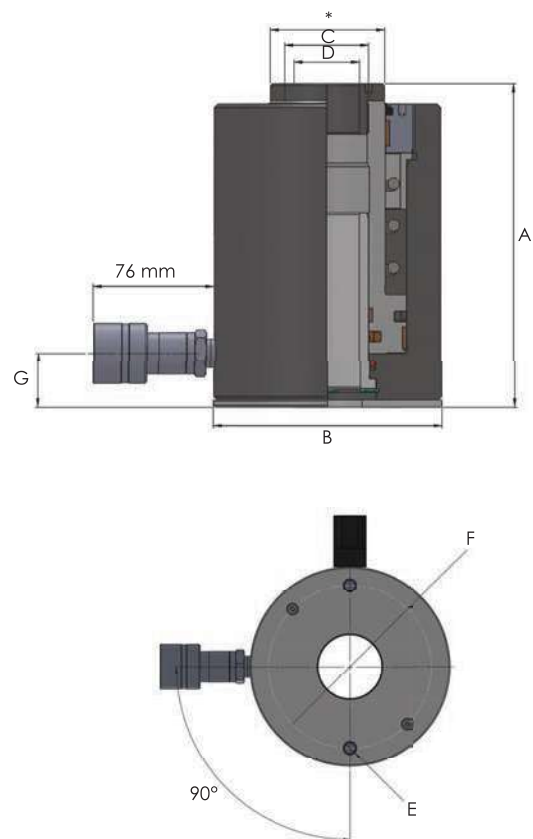
Capacities from 18 to 52 tonnes

Stroke lengths from 51 to 105 mm

Working pressure 700 bar

*see pages 24 and 25

- ▶ Lightweight aluminium cylinders for applications where weight and portability are of prime importance
- ▶ Single acting, spring assisted return
- ▶ Hollow piston design for pulling, pressing and tensioning applications
- ▶ Hard anodised piston rod and cylinder for corrosion resistance and increased durability
- ▶ Steel base plate to protect cylinder body
- ▶ Low friction bearing surfaces
- ▶ Anti-extrusion seals for improved performance at high pressures
- ▶ Grooved saddles fitted as standard on all models
- ▶ Optional piston rod saddles listed on pages 24 and 25
- ▶ Customised and special design cylinders are available on request



Model number	Capacity (tonnes)	Stroke (mm)	Oil capacity (cm ³)	Cylinder eff. area (cm ²)	Weight (kg)	Handles	Dimensions (mm) (unless otherwise stated)						
							A	B	C	D	E	F	G
HHA182	18	51	129	25.2	3.6	-	175	98	36	26	M8x10	66	26
HHA372	37	51	266	52.1	7.2	-	193	136	50	39	M10x15	105	32
HHA504	52	105	765	72.8	13.4	1	280	160	65	51	M10x15	130	39

Note: If specifying this cylinder for use with the SLF and SLV synchronous lifting systems and associated mounting kit, please consider the increase in dimension A (closed height), see pages 44 and 48.