

HHA | SINGLE ACTING HOLLOW PISTON ALUMINIUM CYLINDERS



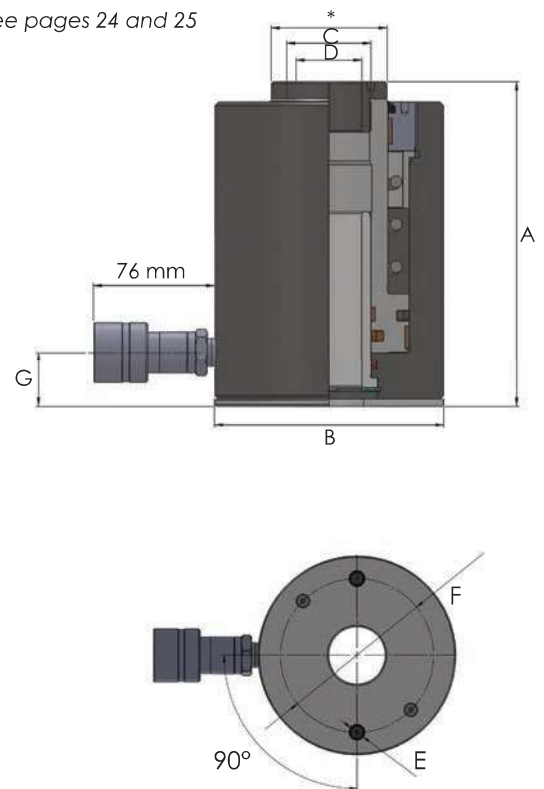
Capacities from 18 to 52 tonnes

Stroke lengths from 51 to 105 mm

Working pressure 700 bar

- ▶ 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

*see pages 24 and 25



Model number	Capacity (tonnes)	Stroke (mm)	Oil capacity (cm ³)	Cylinder eff. area (cm ²)	Weight (kg)	Dimensions (mm) <i>(unless otherwise stated)</i>						
						A	B	C	D	E	F	G
HHA182	18	51	129	25.2	3.6	175	98	45	26	M8x10	66	26
HHA372	37	51	266	52.1	7.2	193	136	69	39	M10x15	105	32
HHA504	52	105	765	72.8	13.4	280	160	79	51	M10x15	130.2	39