HHA | SINGLE ACTING HOLLOW PISTON ALUMINIUM CYLINDERS


- 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

Capacities from 18 to 52 tonnes

Stroke lengths from 51 to 105 mm

Working pressure 700 bar
*see pages 24 and 25


| Model number | Capacity (łonnes) | Stroke (mm) | Oil capacity ( $\mathrm{cm}^{3}$ ) | Cylinder eff. area ( $\mathrm{cm}^{2}$ ) | 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 | M8x 10 | 66 | 26 |
| HHA372 | 37 | 51 | 266 | 52.1 | 7.2 | - | 193 | 136 | 50 | 39 | M10×15 | 105 | 32 |
| HHA504 | 52 | 105 | 765 | 72.8 | 13.4 | 1 | 280 | 160 | 65 | 51 | M10×15 | 130 | 39 |

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[^0]:    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.

