

## HFL - SINGLE ACTING LOW HEIGHT FAILSAFE LOCK RING CYLINDERS



Capacities from 50 to 520 tonnes

Stroke lengths from 45 to 51mm

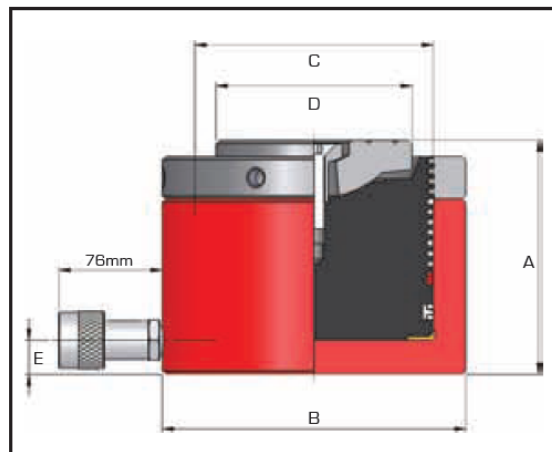
Working pressure 700 Bar

The HFL low height single acting failsafe lock ring cylinder range combines all the versatility and efficiency of hydraulic power with the safety of mechanical load support, offering a sustainable lifting force in very confined work areas. Ideally suited for applications requiring load holding for extended periods, such as bridge support work. The HFL range features a single acting load return piston, threaded throughout its stroke length to suit the threaded mechanical load holding lock ring. All models are suitable for vertical lifting only and are supplied with tilting saddles as standard.

- >> Single acting load return design
- >> Nitrocarburised cylinder bore and piston rod
- >> Low friction bearing surfaces
- >> Anti-extrusion seals
- >> Tilting saddle fitted as standard
- >> Overstroke restrictor port



See pages 25-44 for pumps suitable for use with all Hi-Force cylinders



Model number	Capacity tonnes	Stroke mm	Oil cap. litres	Cyl. eff. area cm <sup>2</sup>	Weight kg
<b>HFL502</b>	50	51	0.36	71.3	14.2
<b>HFL1002</b>	109	50	0.77	153.4	25.1
<b>HFL1502</b>	152	45	1.07	214.3	44.0
<b>HFL2502</b>	260	45	1.65	366.1	69.4
<b>HFL5002</b>	520	45	3.29	729.9	186.0

Dimensions in mm				
A	B	C	D	E
125	127	95	70	19
137	178	140	115	20
150	216	165	135	28
159	273	216	130	31
192	400	305	180	43