

HFG - SINGLE ACTING FAILSAFE LOCK RING CYLINDERS

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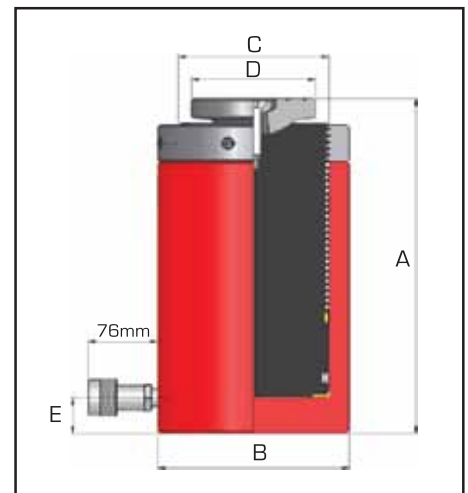
Capacities from 50 to 520 tonnes

Stroke lengths from 50 to 152mm

Working pressure 700 Bar

The HFG single acting failsafe lock ring cylinder range combines all the versatility and efficiency of hydraulic power with the safety of mechanical load support. Ideally suited for applications requiring sustained load holding for extended periods, such as bridge support work, the HFG range features a single acting, load return piston, threaded throughout its stroke length to suit the threaded mechanical load holding lock ring. Simply jack up the load, wind down the mechanical lock ring until it comes into contact with the cylinder body, release the hydraulic pressure and sustain the load mechanically. All models are suitable for vertical lifting only and are supplied with tilting saddles as standard to reduce the risk of side loading the cylinder. Standard models are featured in this catalogue, however other stroke and tonnage options are available on request.

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



Model number	Capacity tonnes	Stroke mm	Oil cap. litres	Cyl. eff. area cm ²	Weight kg
HFG504	50	102	0.73	71.3	20.6
HFG506	50	150	1.07	71.3	25.0
HFG1004	109	100	1.53	153.4	50.3
HFG1006	109	150	2.30	153.4	65.5
HFG1504	152	100	2.14	214.3	84.0
HFG1506	152	150	3.21	214.3	89.5
HFG2002	203	50	1.42	285.1	95.4
HFG2006	203	152	4.33	285.1	137.0
HFG3006	326	150	6.87	457.7	228.5
HFG4006	398	151	8.44	559.0	308.5
HFG5006	520	152	11.10	729.9	457.0

Dimensions in mm				
A	B	C	D	E
224	127	95	70	25.0
272	127	95	70	25.0
240	185	140	115	27.5
311	185	140	115	27.5
288	216	165	135	42.0
338	216	165	135	42.0
261	254	190	135	50.0
362	254	190	135	50.0
417	310	241	150	50.0
459	360	267	180	70.0
498	400	305	180	80.0