

HFA | SINGLE ACTING FAILSAFE LOCK RING ALUMINUM CYLINDERS



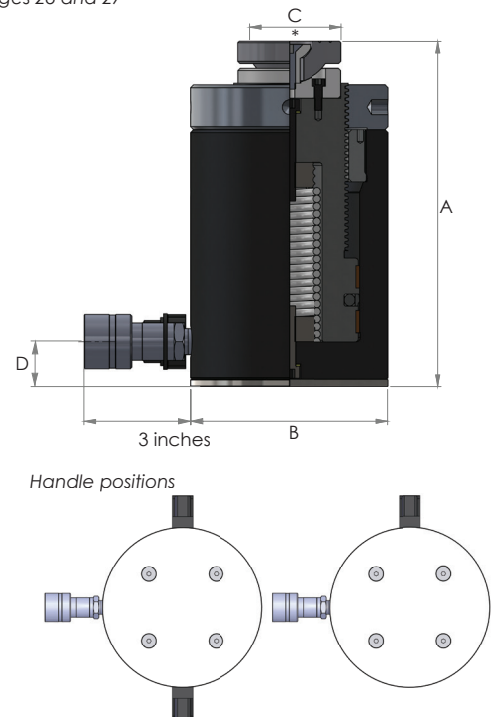
Capacities from 35 to 121 tons

Stroke lengths from 2.01 to 12.02 inches

Working pressure 10000 psi

**see pages 26 and 27*

- ▶ Lightweight aluminum cylinders for applications where weight and portability are of prime importance
- ▶ Single acting, spring assisted return
- ▶ Mechanical lock ring feature allows for load holding for extended periods
- ▶ Hard anodized piston rod and cylinder for corrosion resistance and increased durability
- ▶ Low friction bearing surfaces
- ▶ Anti-extrusion seals for improved performance at high pressures
- ▶ Tilting saddle fitted as standard on all models
- ▶ Steel base plate fitted as standard
- ▶ Integral stop ring
- ▶ Optional piston rod saddles listed on pages 26 and 27
- ▶ Customized and special design cylinders are available on request



Model number	Capacity (tons)	Stroke (in)	Oil capacity (in ³)	Cylinder eff. area (in ²)	Weight (lbs)	Tommy bar	Handles	Dimensions (in)			
								A	B	C	D
HFA302	35	2.01	14.15	7.04	13.2	TTB10	-	8.94	4.26	1.97	0.99
HFA306	35	5.99	42.15	7.04	17.6	TTB10	-	12.92	4.26	1.97	0.99
HFA3012	35	12.02	84.55	7.04	24.3	TTB10	1	18.95	4.26	1.97	0.99
HFA502	56	2.01	22.2	11.05	19.8	TTB10	1	9.1	5.24	2.76	1.18
HFA506	56	5.99	66.12	11.05	24.3	TTB10	1	13.08	5.24	2.76	1.18
HFA5012	56	12.02	132.68	11.05	37.5	TTB10	1	19.11	5.24	2.76	1.18
HFA1002	121	2.01	47.89	23.85	52.9	TTB10	2	10.91	7.96	3.94	1.62
HFA1006	121	5.99	142.74	23.85	66.1	TTB10	2	14.89	7.96	3.94	1.62
HFA10012	121	12.02	286.4	23.85	86.0	TTB10	2	20.92	7.96	3.94	1.62

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 46 and 50.