



Features & benefits ↓

- Extreme low closed height and a maximum side load resistance of 10%. Therefore useful for many different applications
- Double-acting for controlled lifting and lowering
- Integrated safety valves for protection against overpressure on return side
- Multiple-start and rounded thread on plunger for a quicker positioning of the locknut and easy dirt removal
- Hard chromed cylinder wall for optimal wear resistance and corrosion protection
- QPQ treated mechanical locknut with optimised grip and 4 tommy bar holes for easy locking and unlocking
- XL Saddle+: QPQ tilting saddle protects the plunger and limits eccentric loads
- Cover plate for keeping water and dirt out of the cylinder when it is stored

Standard supplied with ↓

- High Flow female coupler A 118
- Tilting saddle

Available on request ↓

- Lower closed height by using a maximum side load resistance of 5%

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Double-acting for controlled lifting and lowering



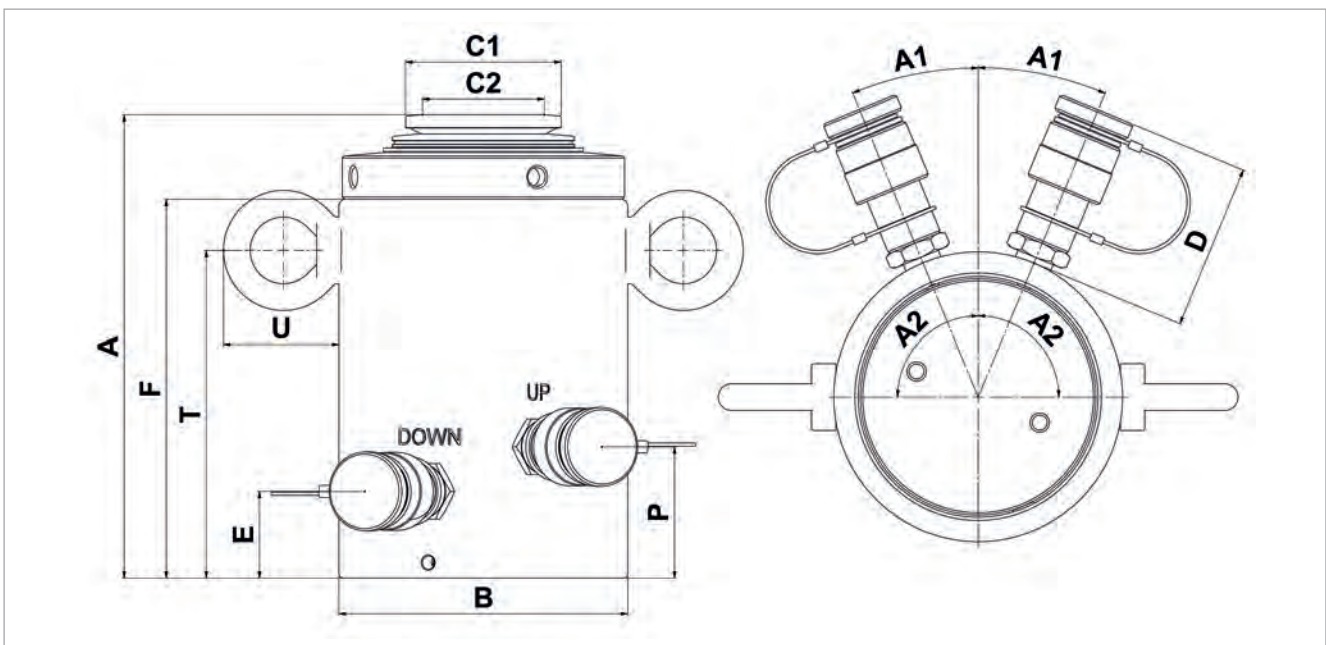
Multiple-start and rounded thread on plunger for a quicker positioning of the locknut and easy dirt removal

Locknut Cylinders - Hydraulic Return


model	HLC 50 H 5	HLC 50 H 15	HLC 50 H 30	HLC 100 H 5	HLC 100 H 15	HLC 100 H 30
art no	100.122.123	100.122.124	100.122.125	100.122.126	100.122.127	100.122.128
max. working pressure	bar/Mpa 720 / 72	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72
tonnage	t 50	50	50	100	100	100
stroke	mm 50	150	300	50	150	300
closed height	mm 208	327	498	248	370	546
max. side-load resistance	% 10	10	10	10	10	10
capacity	kN/t 510 / 52	510 / 52	510 / 52	1001 / 102.1	1001 / 102.1	1001 / 102.1
effective pressure area (press)	cm ² 77.2	77.2	77.2	138.9	138.9	138.9
effective pressure area (retract)	cm ² 13.6	13.6	13.6	25.9	25.9	25.9
required oil content (effective)	cc 318	954	1909	566	1697	3393
connection	A 118	A 118	A 118	A 118	A 118	A 118
cylinder type	lock nut	lock nut	lock nut	lock nut	lock nut	lock nut
acting type	double	double	double	double	double	double
return type	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
material	steel	steel	steel	steel	steel	steel
weight, ready for use	kg 19.5	29.5	44.0	35.0	50.0	72.5

Locknut Cylinders - Hydraulic Return (dimensions)


model	HLC 50 H 5	HLC 50 H 15	HLC 50 H 30	HLC 100 H 5	HLC 100 H 15	HLC 100 H 30
dimension A	mm 208	327	498	248	370	546
dimension B	mm 130	130	130	160	160	160
dimension C1	mm 70	70	70	105	105	105
dimension C2	mm 55	55	55	72	72	72
dimension D	mm 75	75	75	75	75	75
dimension E	mm 39	39	39	48	48	48
dimension F	mm 170	289	460	201	323	499
dimension P	mm 58	58	58	72	72	72
dimension T	mm 115	174	260	136	198	284
dimension U	mm 54	54	54	54	54	54
angle A1	° 23	23	23	23	23	23
angle A2	° 90	90	90	90	90	90



Locknut Cylinders - Hydraulic Return


model	HLC 150 H 5	HLC 150 H 15	HLC 150 H 30	HLC 250 H 5	HLC 250 H 15	HLC 250 H 30
art no	100.122.129	100.122.130	100.122.131	100.122.132	100.122.133	100.122.134
max. working pressure	bar/Mpa 720 / 72	720 / 72	720 / 72	720 / 72	720 / 72	720 / 72
tonnage	t 150	150	150	250	250	250
stroke	mm 50	150	300	50	150	300
closed height	mm 275	400	580	317	444	625
max. side-load resistance	% 10	10	10	10	10	10
capacity	kN/t 1493 / 152.2	1493 / 152.2	1493 / 152.2	2618 / 267	2618 / 267	2618 / 267
effective pressure area (press)	cm ² 214.3	214.3	214.3	358.9	358.9	358.9
effective pressure area (retract)	cm ² 37.7	37.7	37.7	75.6	75.6	75.6
required oil content (effective)	cc 884	2651	5301	1418	4253	8506
connection	A 118	A 118	A 118	A 118	A 118	A 118
cylinder type	lock nut	lock nut	lock nut	lock nut	lock nut	lock nut
acting type	double	double	double	double	double	double
return type	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
material	steel	steel	steel	steel	steel	steel
weight, ready for use	kg 56.3	79.0	112.9	103.0	144.0	203.0

Locknut Cylinders - Hydraulic Return (dimensions)


model	HLC 150 H 5	HLC 150 H 15	HLC 150 H 30	HLC 250 H 5	HLC 250 H 15	HLC 250 H 30
dimension A	mm 275	400	580	317	444	625
dimension B	mm 194	194	194	245	245	245
dimension C1	mm 105	105	105	170	170	170
dimension C2	mm 72	72	72	120	120	120
dimension D	mm 75	75	75	75	75	75
dimension E	mm 58	58	58	70	70	70
dimension F	mm 221	346	526	253	380	561
dimension P	mm 83	83	83	96	96	96
dimension T	mm 146	211	296	168	230	320
dimension U	mm 54	54	54	54	54	54
angle A1	° 23	23	23	15	15	15
angle A2	° 90	90	90	90	90	90

