

Air Hoists

LLA

- **Precise and stepless speed control** – Through effective stepless control with excellent creep characteristics the LLA air hoists are fast to use over the entire speed range.
- **Heavy duty performance** – These air hoists can continually operate at maximum load with frequent start and stop cycles without risk of damage.
- **Elimination of load sink** – The patented brake mechanism eliminates load-sink when starting lifting, and automatically holds the load if the air supply fails.
- **Compact size** – The small dimensions make the LLA hoists easy to install, even in the most restricted space. Also the low weight means the hoists can easily be moved for maintenance or relocation purposes.
- **Lubrication free**



Model	Max lifting capacity lb	Lifting speed at full load		Chain drops qty	Weight excl chain		Chain weight		Required chain-length metre	Air consumption		Hose size		Air inlet thread BSP	Ordering No.
		m/min	ft/min		kg	lb	kg/m	lb/ft		l/s	cfm	mm	in		
LLA250-L ATEX ^a	550	18.6	61.0	1	12.7	28.0	0.9	0.6	Lifting height + 0.5	37	78	12.5	1/2	1/2	8451 1550 17
LLA500-L ATEX ^a	1100	12.6	41.3	1	12.7	28.0	0.9	0.6	Lifting height + 0.5	38	81	12.5	1/2	1/2	8451 1550 25
LLA500-L-W ATEX ^c	1100	12.6	41.3	1	12.7	28.0	0.9	0.6	Lifting height + 0.5	38	81	12.5	1/2	1/2	8451 1540 93
LLA980-L ATEX ^a	2160	6.3	20.7	2	14.5	32.0	0.9	0.6	2 x Lifting height + 0.5	38	81	12.5	1/2	1/2	8451 1550 15
LLA1000-L ATEX ^b	2200	6.3	20.7	2	15.0	32.0	0.9	0.6	2 x Lifting height + 0.5	38	81	12.5	1/2	1/2	8451 1550 32
LLA2500-L ATEX ^b	5500	3.2	10.5	1	42.5	93.7	2.9	1.9	Lifting height + 0.6	40	85	12.5	1/2	1/2	8451 1550 41
LLA3000-L ATEX ^a	6000	3.2	10.5	1	42.5	93.7	2.9	1.9	Lifting height + 0.6	40	85	12.5	1/2	1/2	8451 1550 74
LLA5000-L ATEX ^b	11000	1.6	5.2	2	65.5	144.4	2.9	1.9	2 x Lifting height + 0.9	40	85	12.5	1/2	1/2	8451 1550 58

^a Without overload protection device.

^b Overload protection device included.

^c Unpainted, corrosion resistant.

Performance figures are at 6.3 bar (91 psi) working pressure.

NOTE: Load chain and control chain must be ordered separately.

Dimensions

Model	A		B		C		D	
	mm	in	mm	in	mm	in	mm	in
LLA250-L ATEX	377	14.8	122	4.8	390	15.4	29	1.1
LLA500-L ATEX	377	14.8	122	4.8	390	15.4	29	1.1
LLA980-L ATEX	445	17.5	122	4.8	390	15.4	29	1.1
LLA1000-L ATEX	495	19.4	122	4.8	390	15.4	29	1.1
LLA2500/3000-L ATEX	575	22.6	212	8.3	546	21.5	50	2.0
LLA5000-L ATEX	785	30.9	249	9.8	546	21.5	60	2.4

