

LC3 Lifting columns comparison

The LINAK LC3 2-stage and 3 stage lifting columns set the standards for strong vertical lifting to medical applications.



Different LC3 features	2-Stage	3-stage
Stroke length	140 to 700 mm in steps of 50 mm*	400 to 700 mm in steps of 50 mm*
Built-in dimensions	S+180 mm, min. BID 320 S+250 mm, min. BID 390	S/2+120 mm, min. BID 320 S/2+240 mm, min. BID 440
Profile size	146 x 146 mm	163 x 163 mm
Dynamic bending moment	Up to 2,100 Nm	Up to 1,400 Nm

*: in steps of 1 mm on request

Features for LC3 2-Stage and LC3 3-stage			
Max. load in push	4,000 N	5,000 N	6,000 N
Speed in mm/s, zero load	29	24	18
Speed in mm/s, max load	26	19	15
Max. Load in pull	4,000 N		
Profile color	Anodised aluminum		
Protection class	IPX4 standard, IPX6 optional		
Motor	24 V DC		
Positioning options	Dual Hall, Potentiometer		
Safety nut	Standard		
Built-in end-stop switches	Signal switch – LINAK CO control boxes Power switch for customer supplied control box		
Static Safety factor	Push: SF 5.0, Pull: SF 5.0		
Static bending moment	Up to 3,000 Nm		
Duty cycle	10 %, 2 minutes continuous use followed by 18 minutes not in use		
Positioning options	Dual Hall, Potentiometer		
Cables through the column	Mains, hand control, motor cable		
Connection of motor cable	Fixed or detachable		
Protective grounding cable	Optional		
Mounting directions	Large profile down or large profile up		
Noise	50 dB (A)		
Approvals	IEC 60601-1 , IEC 60601-1-6, ANSI/AAMI ES60601-1, CAN/CSA-C22.2 NO. 60601-1		
Mounting of accessory	Mounting holes for bracket on request		

Quiet. Safe. Powerful.

To learn more about the LC3, visit our LC - Lifting column website
LINAK.COM/LC

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