

LOCKED LZ-P

Certified safety clamping

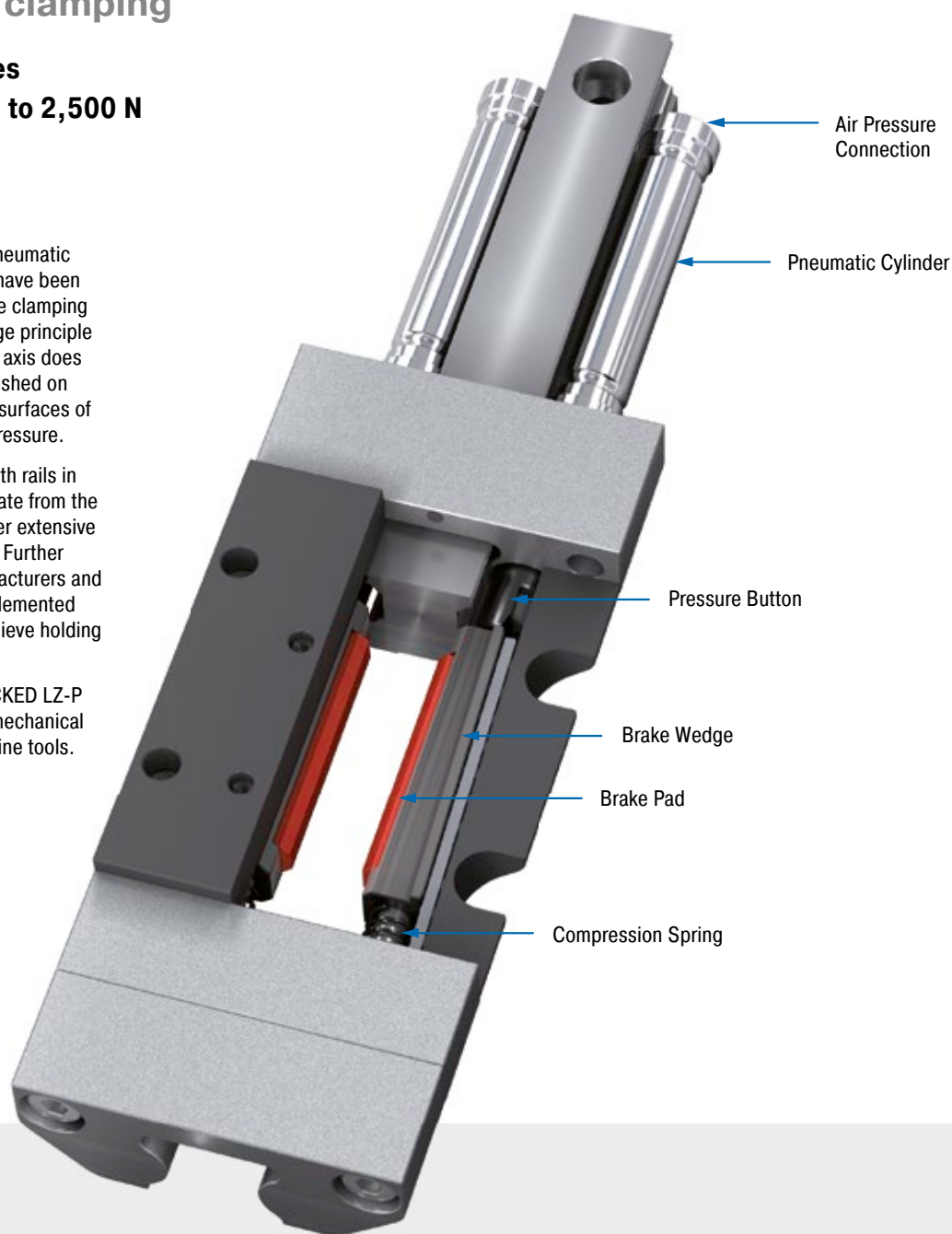
Rail Clamping for Z-Axes

Holding forces 1,500 N to 2,500 N

Innovative and BG certified: The pneumatic clamping elements LOCKED LZ-P have been specially designed for safe, reliable clamping on the vertical or Z-axes. The wedge principle makes sure that the gravity loaded axis does not drop. The brake wedges are pushed on both sides against the flat parallel surfaces of the guide rail in case of a loss of pressure.

Initially developed for Bosch Rexroth rails in sizes 15 and 25 mm, a test certificate from the trade association was awarded after extensive tests on these clamping elements. Further certifications from other rail manufacturers and sizes are prepared and can be implemented within the shortest time. Users achieve holding forces of up to 2,500 N.

Pneumatic clamping elements LOCKED LZ-P are used in all sectors of modern mechanical engineering and customised machine tools.



Technical Data

Holding forces: 1,500 N to 2,500 N

Rail sizes: 15 mm and 25 mm Bosch Rexroth

Clamping cycles: 1,000,000

Mounting: Vertical

Effective direction: Z-axes toward gravity

Operating pressure: 4.8 bar to 8 bar

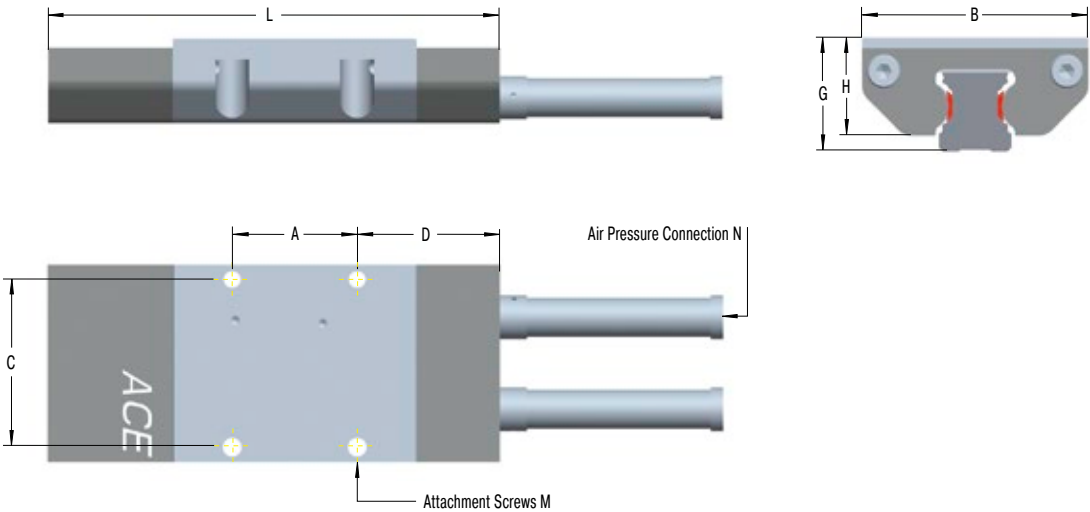
Material: Outer body: Tool steel; Brake components: Steel

Pneumatic medium: Dried, filtered air

Operating temperature range: 0 °C to 60 °C

Application field: Z-axes, Vertical conveyor systems, Jacking applications

LZ-P



The calculation and selection of the most suitable clamping element should be carried out or be approved by ACE.

Ordering Example

Process Clamping Z-Axis _____
 Rail Nominal Size 15 mm _____
 Series Number assigned by ACE _____

LZ-P15-X

Performance and Dimensions

TYPES	Holding force N	A mm	B mm	C mm	D mm	G mm	H mm	L mm	M	N	Weight kg
LZ-P15-X	1,500	30	47	40	34	24	20	108.5	M4	M3	0.40
LZ-P25-X	2,500	30	70	56	70	36	30	170.0	M6	M5	1.30