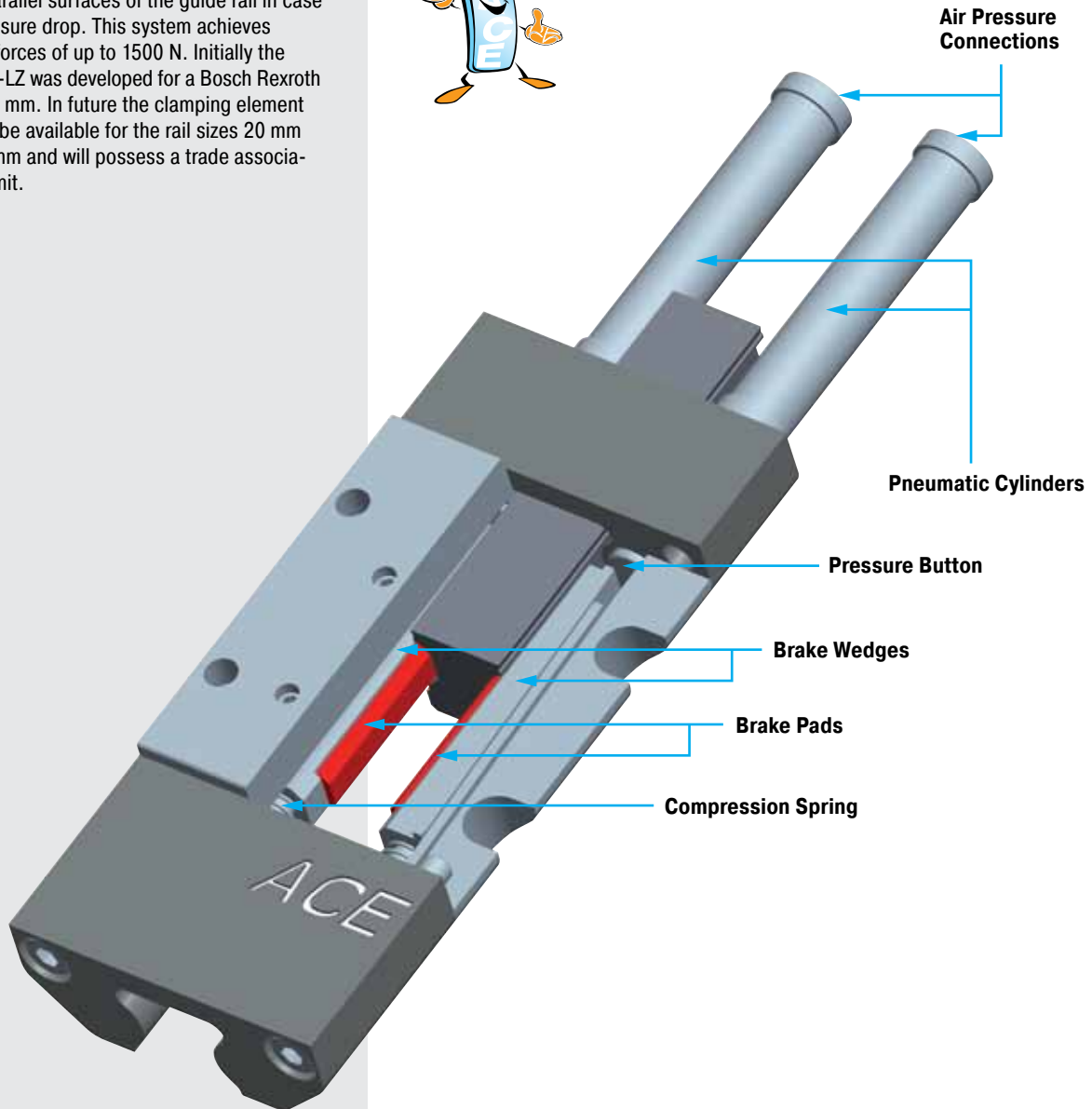


The innovative pneumatic clamping element of the new **LOCKED-LZ series** was especially designed for the safe and reliable clamping of vertical axes (Z-axes). The movement of the gravity-loaded axis is eliminated due to the tried and proven wedge principle. In the process the chocks are bilaterally pushed against the plane-parallel surfaces of the guide rail in case of a pressure drop. This system achieves holding forces of up to 1500 N. Initially the LOCKED-LZ was developed for a Bosch Rexroth rail of 15 mm. In future the clamping element will also be available for the rail sizes 20 mm and 25 mm and will possess a trade association permit.

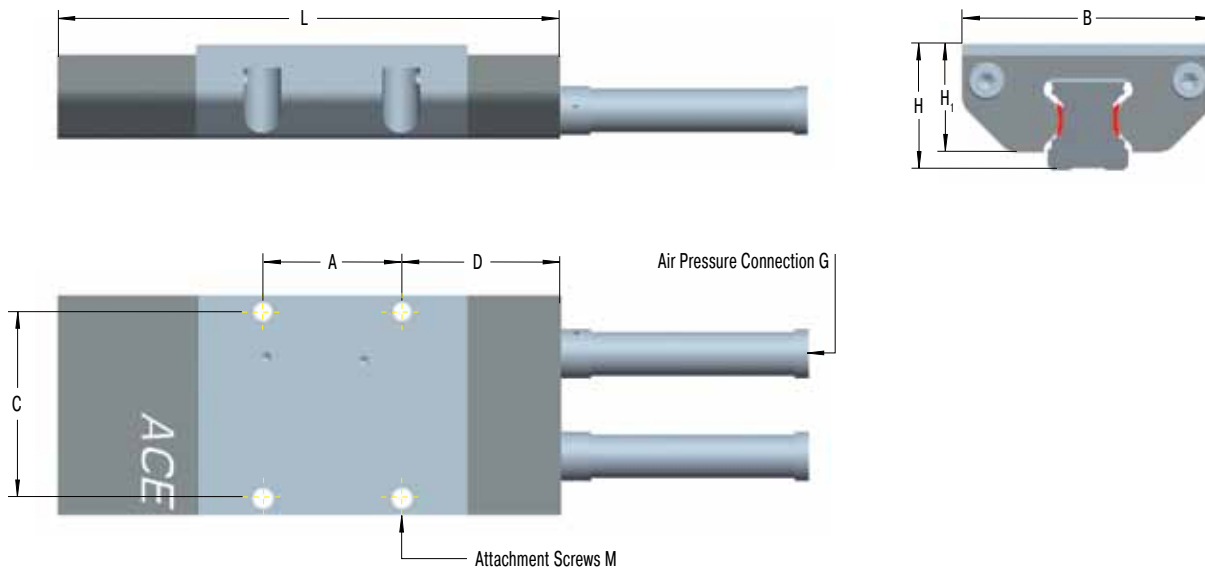


"Highest clamping forces on the 15 mm rail!"



- Rail sizes:** Bosch Rexroth 15 mm
- Holding forces:** Up to 1500 N
- Clamping cycles/emergency use:** 1 000 000/2000
- Material:** Clamping body and milled parts: Tool steel.
- Mounting:** In vertical position
- Effective direction:** Z-axes toward gravity
- Operating pressure:** 4 bar to 6 bar
- Pneumatic medium:** Dried, filtered air
- Operating temperature range:** 0 °C to 60 °C





Ordering Example

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

LZ-P15-X

The calculation and selection of the correct clamping device should be made or approved by ACE.

Dimensions and Capacity Chart

Type	L	B	H	H ₁	A	C	D	G	M	Holding Force N	Weight kg
LZ-P15-X	108.5	47	24	20	30	40	34	M3	M4	1 500	0.4