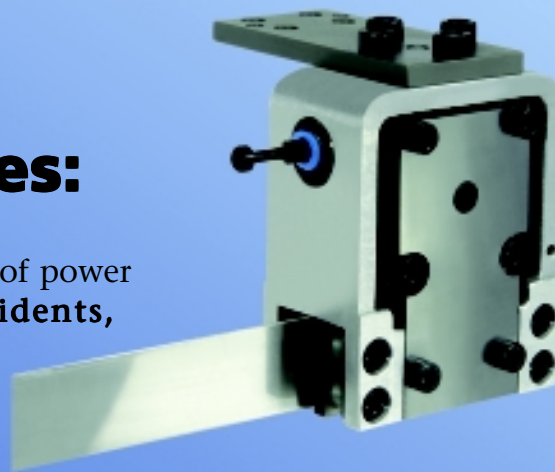


Advantages:

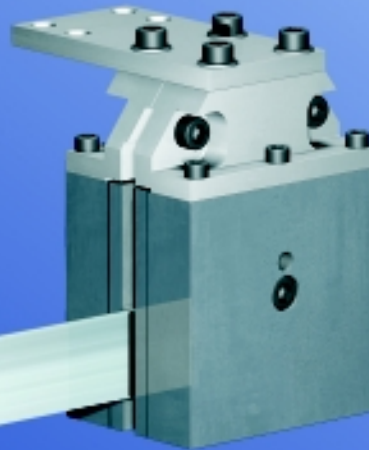
■ **Safety** in case loss of power supply; **avoids accidents, injuries and damage**



Series 0800 pneumatically released

■ **Redundant system provides double safety**

■ **Provides brake torque where you need it**

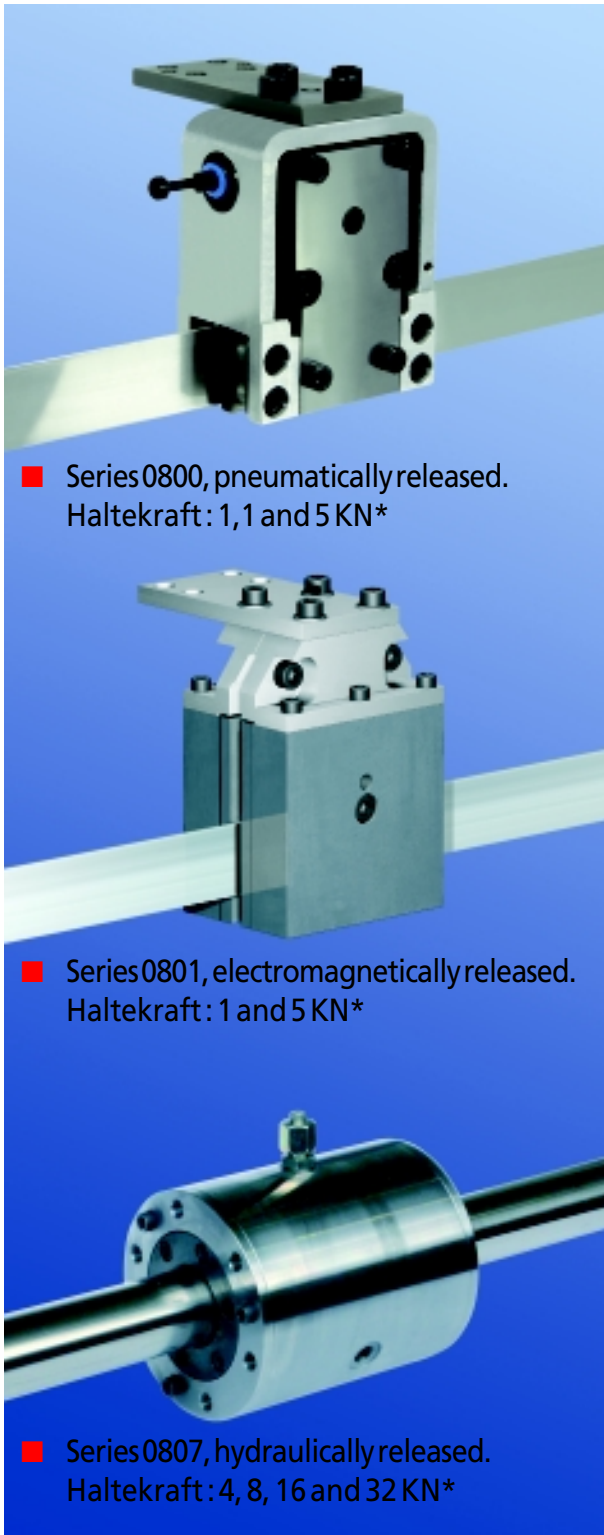


Series 0801
Electromagnetically released

■ **Independent** of the profile of the linear motor



Series 0807
Hydraulically released



■ Series 0800, pneumatically released.
Haltekraft: 1, 1 and 5 KN*

■ Series 0801, electromagnetically released.
Haltekraft: 1 and 5 KN*

■ Series 0807, hydraulically released.
Haltekraft: 4, 8, 16 and 32 KN*

*Bremskraft je Bremsmodul, mehrere Module je Band bzw. Stange möglich.

Ortlinghaus Linear Brakes

The Ortlinghaus linear brakes are suitable for use as holding and braking systems for various types of linear drives e.g. linear motors.

- Backflash- free holding of the table at the required position.
- All systems can easily be laid out as redundant systems or based on design are themselves redundant systems (series 0807)
- All brake systems are spring applied and are electromagnetically, pneumatically or hydraulically released. Thus the systems have a fail safe function in case of emergency stop or in case of loss of power.
- As the braking force is applied to the brake band or the brake rod only, the profile or the guide rail of the drive is not subject to wear due to braking action.
- All systems are modular designs so that they can easily be adopted to various applications.

Data for dimensioning

The following data on the linear drive must be taken into account when determining the required braking force and thereby the number of brake modules:

- Maximum weight of the masses being decelerated or held in position
 $m = \text{_____} \text{ kg}$
- Maximum Speed
 $v_{\max} = \text{_____} \text{ m/s}$
- Maximum angle of ascent or descent (horizontal: $\alpha = 0$ degrees, vertical: $\alpha = 90$ degrees)
 $\alpha = \text{_____} \text{ }^\circ$
- Required braking distance in case of emergency stop v_{\max}
 $s_{\text{ges}} = \text{_____} \text{ mm}$
- Required static holding force for positioning mode
 $F_H = \text{_____} \text{ N}$

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