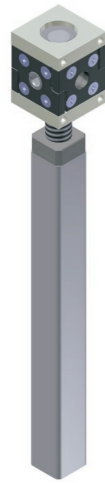


Bevel gear with spindle unit 3035/ 3036



Description

Universally applicable lifting unit with bevel gear head for linear drive solutions. Possible applications are height adjustable tables, various adjustment functions for furniture items as well as all manner of linear adjustment in residential, mobile home or industrial fields. A simple screw fastening and a hexagonal bolt enable a simple system structure and an uncomplicated assembly.

Special features

- Maintenance-free
- Ratio in direction of spindle: 1:1 oder 1.5:1
- Very slim size 35 mm x 35 mm
- Drive torque on gear head for application with several spindle units: max. 4 Nm
- Housing made of zinc and glass fiber reinforced plastic
- Hardened steel bevel wheels with robust, reinforced toothing
- Support tube square 22 mm
- Suitable for manual use as well as for electromotive drives

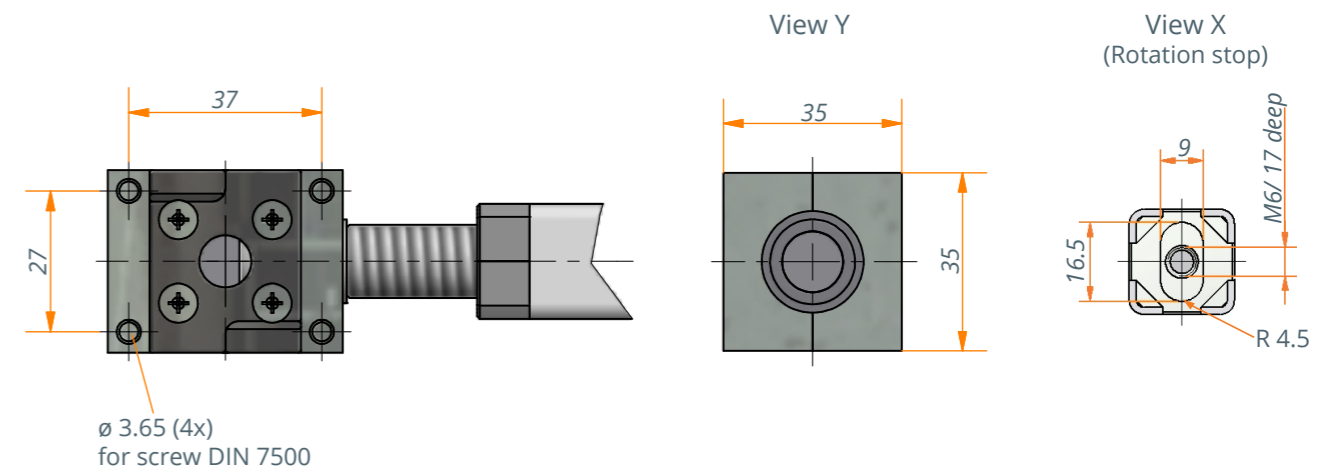
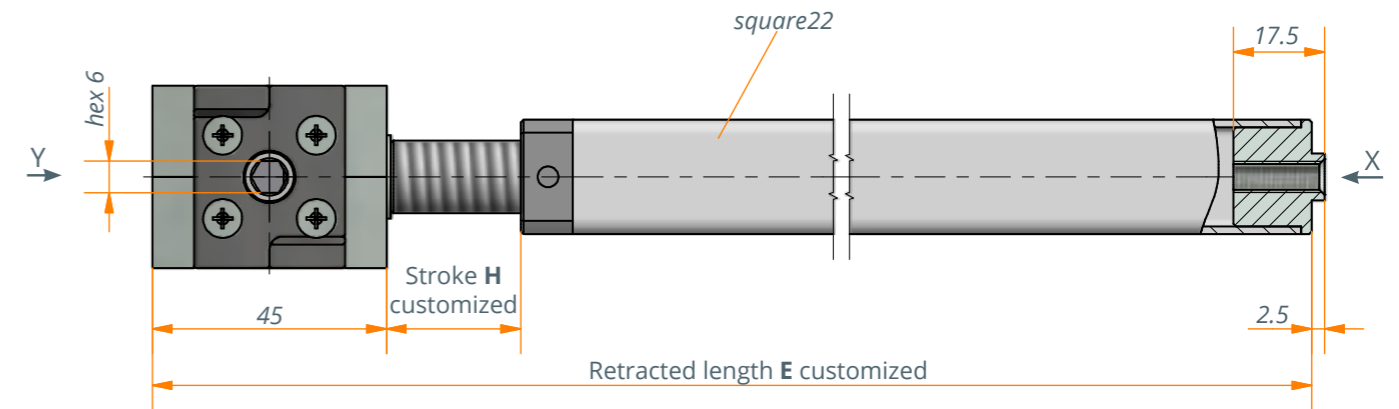


Technical data

Model	3035	3036
Ratio in direction of spindle	1.5:1	1:1
Input	hex 6 mm	hex 6 mm
Type of spindle	Tr14x3 RH	Tr14x3 RH
Travel path	2 mm/rotation	3 mm/rotation
Traverse speed*	4 mm/s	6 mm/s
Max. stroke	retracted length -105 mm	retracted length -105 mm
Max. lifting force	1000 N	1000 N
Required drive torque	1 Nm	1.3 Nm
Max. drive torque gear ahead for several spindle units**	4 Nm	4 Nm

* In combination with motor 3143 and LogicData control box Compact-3

** See technical data



Technical notes

- The lifting units must be protected against lateral forces by a separate guide system.
- Attention: The spindle systems with a spindle pitch ≥ 3 mm may not be self-locking. Check the self-locking effect in the application.
- The lifting unit is only pressure loadable.
- Installation note: Use at least 2 opposite fixing holes $\varnothing 3.65$ for DIN 7500 screws.
- Incorrect dimensioning of the guide system can damage the lifting unit: Please note the design and safety instructions for spindle drives. You will find them at: [https:// www.ketterer.de/en/downloads/ instructions](https://www.ketterer.de/en/downloads/instructions)