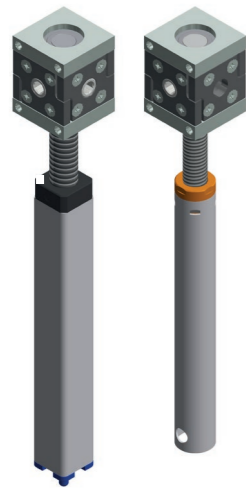


# Bevel gearbox with spindle unit 3035 / 3036



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 the residential, mobile home or industrial area. A simple screw fastening and a through hexagonal enable a simple system structure and an uncomplicated assembly.

## Special features

- Size 35 mm x 35 mm
- Drive torque on gear head max. 4 Nm
- Housing made of zinc and glass fiber reinforced plastic
- Hardened steel bevel wheels with robust, reinforced toothing
- Maintenance-free
- Support tube round  $\varnothing 20$  mm or square 22 mm

## Variant key

3035.00-V01: Spindle Tr14x3 RH and square support tube  
 3035.00-V02: Spindle Tr14x3 LH and square support tube  
 3036.00-V02: Spindle Tr14x3 RH and square support tube  
 3036.00-V04: Spindle SG12x16P4 RH and round support tube

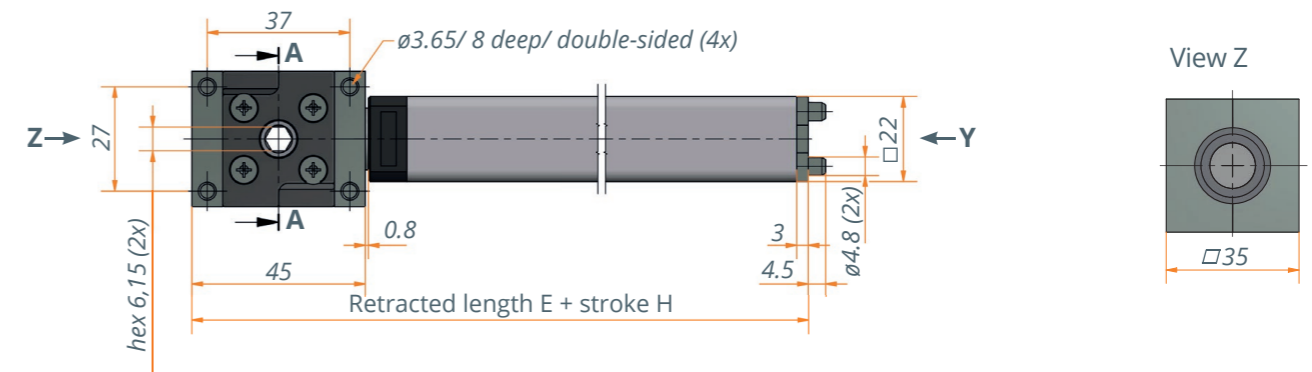


## Technical data

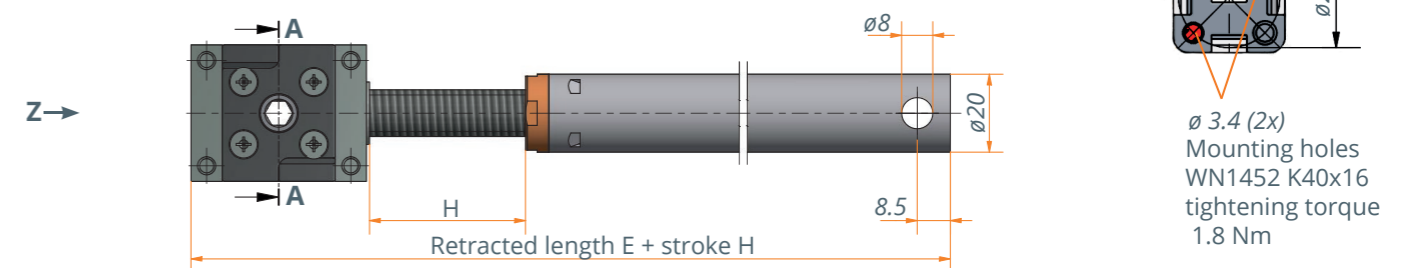
Model	3035.00-V01EXXXHXXX	3035.00-V02EXXXHXXX	3036.00-V02EXXXHXXX	3036.00-V04EXXXHXXX
Structure gearhead (cut A-A)				
Preferred variant	3035.00-V01E580H200	3035.00-V02E580H200	3036.00-V02E580H200	3036.00-V04E580H500
Ratio in direction of spindle	1.5:1	1.5:1	1:1	1:1
Input	hex 6 mm	hex 6 mm	hex 6 mm	hex 6 mm
Type of spindle	TR14x3 RH clockwise	TR14x3 LH counterclockwise	TR14x3 RH clockwise	SG12x16P4 RH clockwise
Travel path	2 mm/rotation	2 mm/rotation	3 mm/rotation	16 mm/rotation
Traverse speed*	4 mm/s	4 mm/s	6 mm/s	32 mm/s
Support tube	square 22 mm	square 22 mm	square 22 mm	round $\varnothing 20$ mm
Max. stroke H	retracted length -100 mm	retracted length -100 mm	retracted length -100 mm	retracted length -80 mm
Max. lifting force	1200 N	1200 N	1200 N	1200 N
Required drive torque	1 Nm	1 Nm	1.3 Nm	3.2 Nm

\* In combination with motor 3133 and LogicData control box Compact-3

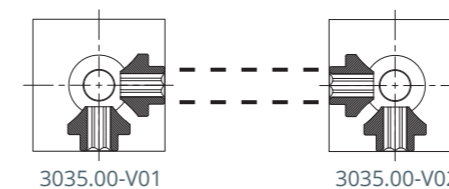
Variant with square support tube: 3035.00-V01 / 3035.00-V02 und 3036.00-V02



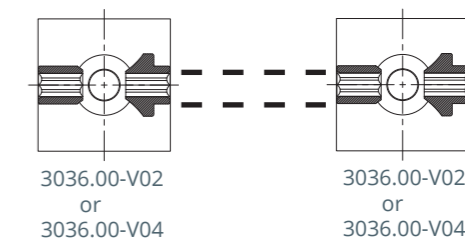
Variant with round support tube: 3036.00-V04



Example: Lifting system with 3035



Example: Lifting system with 3036



## Technical notes

- The lifting units must be protected against lateral forces by a separate guide system
- Attention: The spindle systems with a spindle pitch  $\geq 3$  mm may not be self-locking. Check the self-locking effect in the application.
- The lifting unit is only pressure loadable
- 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)

## Application example

