



## At MOTEK 2016: WITTENSTEIN on all axes

From October 10 to 13, 2016, the WITTENSTEIN Group will appear at the Stuttgart Motek under the motto “WITTENSTEIN on all axes”. The focus will first of all be on the servo worm gearheads in the WITTENSTEIN alpha V-Drive series, with a new product group and a technological upgrade of proven gearhead variants. Secondly – and no less exciting – is the new chipless principle for rack pinning, which can be admired at the Group’s booth in Hall 8, Stand 8121.

The range of mechatronic drive solutions on show will be rounded off with other exhibits by various WITTENSTEIN Group companies.

### V-Drive: upgrade and extended portfolio

WITTENSTEIN alpha will take advantage of Motek to unveil its extended portfolio of servo worm gearheads in the V-Drive series. The newly developed V-Drive Basic will initially be available in two sizes and two standard output types, namely hollow or solid shaft, with a total of five different reduction ratios. A torsional backlash from 10 to  $\leq 15$  arcmin is specified for all models. The special design and geometry of the V-Drive Basic’s teeth not only provide high speed reserves and efficiency; they also make the servo worm gearhead very quiet and smooth-running – with a maximum of 65 dBA at full load and no more than about 50 dBA at medium speeds.

### V-Drive Value and V-Drive Advanced impress with new performance data

The V-Drive Value and V-Drive Advanced are fully compatible with the proven V-Drive eco and V-Drive<sup>+</sup> but with higher torques and significantly less torsional backlash. Both of these V-Drive upgrade versions are moreover specified for a service life exceeding 20,000 operating hours – roughly 25 to 50% better than the current market standard.

### efficiency engineering: chipless rack pinning

No drilling, no chips and no problems with machine parts that are unfavourably positioned or otherwise difficult to reach. At the

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High-tech products made by WITTENSTEIN fly into space and win Formula One races. Intelligent drive systems – from the world’s smallest high-performance servo drive to the latest state of the art in medical technology – are developed, produced and marketed by a team of around 2000 employees. With a blend of dedication and enthusiasm, we set benchmarks – every day – worldwide.



WITTENSTEIN alpha’s newly developed V-Drive Basic will initially be available in two sizes.

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upcoming Motek 2016, WITTENSTEIN alpha will present – and demonstrate – an assembly-friendly principle for pinning racks: all that is needed is the two-piece mounting kit, comprised of a special pin and sleeve which are fitted together using a hammer and an Allen key. The time saving as a result of this chipless assembly process is quite substantial: each rack can be securely fixed with a positive connection in less than 60 seconds – compared to 35 or 40 minutes with conventional pinning. The racks can also be replaced quickly and easily for servicing. Visitors to the WITTENSTEIN booth will be able to see for themselves just how easy pinning can be, and there will even be a chance to try it out.

Sound strategies for developing market potential, constructive mechatronic concepts thought right through to the end – WITTENSTEIN will profit from the Stuttgart exhibition to show innovative solutions for all axes.

Photo:

The newly developed V-Drive Basic will initially be available in two sizes and two standard output types, namely hollow or solid shaft, with a total of five different reduction ratios.

Texts and photographs in printable quality can be downloaded from [presse.wittenstein.de](http://presse.wittenstein.de).

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## Invitation to the WITTENSTEIN AG press briefing at Motek 2016

WITTENSTEIN alpha GmbH's new, complete V-Drive product line will be revealed to the trade press for the first time.

**When** Tuesday, October 11, 2016, from 2:30 to 3:00 p.m.

**Where** WITTENSTEIN AG, Hall 8, Stand 8121

**Subject** WITTENSTEIN on all axes

### Speakers

- **Stefan Hirth**, Head of Product Management  
WITTENSTEIN alpha GmbH
- **Karl Schmitt**, Product Manager V-Drive  
WITTENSTEIN alpha GmbH

### WITTENSTEIN AG – one with the future

With around 2000 employees worldwide and sales of €302 million in 2015/16, WITTENSTEIN AG enjoys an impeccable reputation for innovation, precision and excellence in the field of mechatronic drive technology – not just in Germany but internationally. The group comprises eight pacesetting Business Units with separate subsidiaries for servo gearheads, servo actuator systems, medical technology, miniature servo units, innovative gearing technology, rotary and linear actuator systems, nano technology and electronic and software components for drive technologies. Through its 60 or so subsidiaries and agents in approximately 40 countries, WITTENSTEIN ([www.wittenstein.de](http://www.wittenstein.de)) is additionally represented in all the world's major technology and sales markets.

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