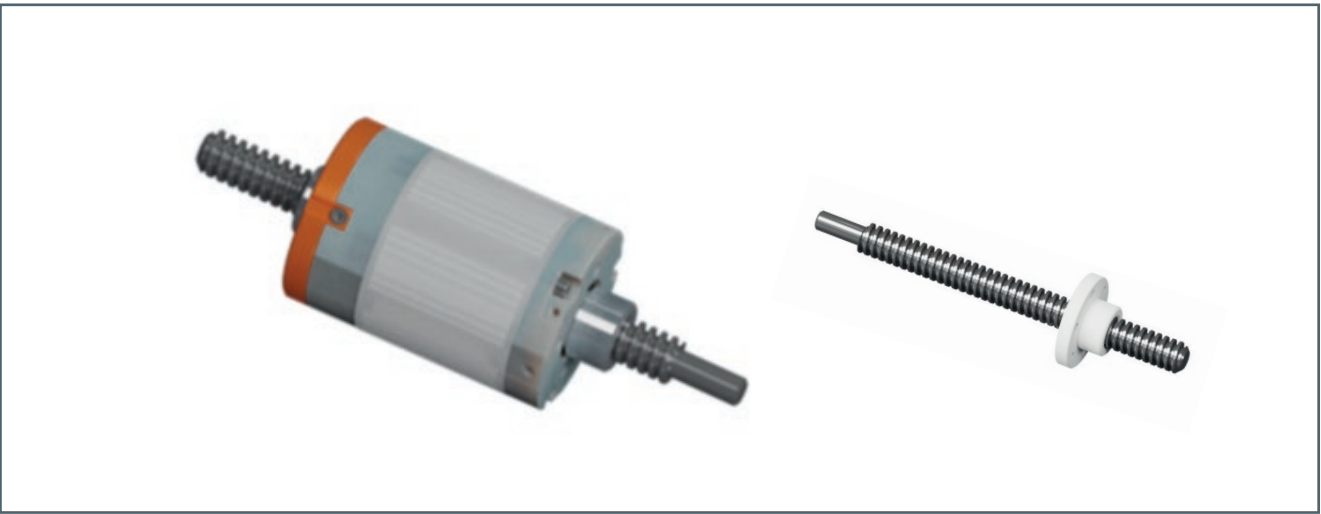


BLDC motors spindle as linear actuator

INFO DATA SHEET


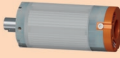




For applications in which a rotary motion is to be converted into a linear motion, we offer BLDC drive systems with threaded spindles - both as through spindles and with a matching spindle nut. Our range includes matching spindles with a large selection of diameters, pitches, speeds and directions of rotation. We use materials such as steel, stainless steel and aluminum. The length and finishing of the spindle are carried out according to your specifications.

- Customized solutions for your specific requirements
- Compact design thanks to the high power density of the motors
- Maximum flexibility in the selection of components

Contact us for more information or an individual consultation - we look forward to helping you realize your drive solution.

Combinatorics BLDC-motors (DC)

	 t-Rex 3200-I-44-47		 t-Rex 3200-I-44-89		 t-Rex 3206-I-65-51	 t-Rex 3206-I-65-86	
Size	44		44		65	65	
Length	47		89		51	86	
Winded with focus	max. torque	max. speed	max. torque	max. speed	max. speed	max. torque	max. speed
Rated voltage (VDC)	24 - 48		24 - 48		24 - 48	24 - 48	
Rated power (W)	41 - 74		31 - 61		90 - 155	68 - 140	
Rated speed (rpm)	2000 - 4664		600 - 1390		1785 - 3895	507 - 1123	
Rated torque (Nm)	0.2 - 0.15		0.5 - 0.4		0.5 - 0.4	1.3 - 1.9	
Stall torque (Nm)	1 - 1.5		1.8 - 2.9		2.5	6.7 - 9	
Item.-Nr.	3200.00-3000	3200.00-3002	3200.00-0005 3200.00-0006	3200.00-0004 3200.00-0009	3206.00-1000	3206.00-0003 3206.00-0005	3206.00-0004

Threaded spindle



As through-spindle or with spindle nut as transmission element
Spindle type: in various diameters, pitches, speeds and directions of rotation
Material: steel, stainless steel, aluminum
Length and finishing according to customer specifications

Possible applications

- **Automated workpiece feeding in production lines:** The high precision and flexibility of the spindle make them perfect for the automated transportation and positioning of workpieces.
- **Lifting and lifting devices:** Particularly compact and energy-efficient solution that can be individually adapted to customer requirements and can be seamlessly integrated into existing production systems.
- **Linear movements in industry and mechanical engineering:** Our BLDC motors with spindles are ideal for linear movements in production systems.

