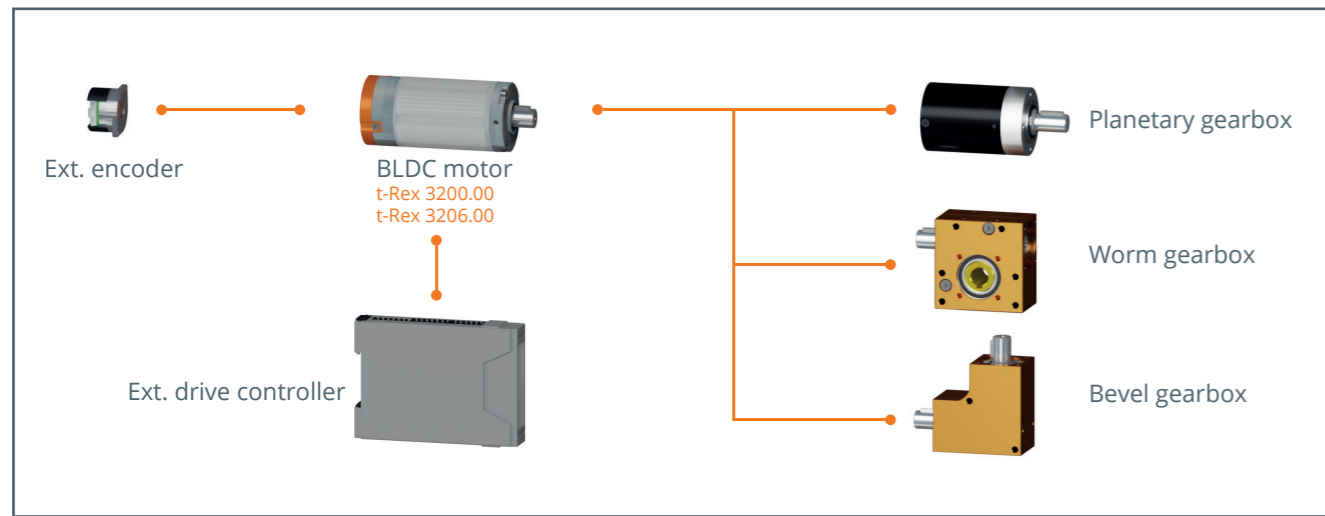


Customized BLDC drive solutions from a single source

INFO DATA SHEET







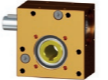





With Ketterer BLDC drives, you get a customized drive solution that is perfectly tailored to your needs.

Our motors can be easily combined with a variety of components such as different types of gearboxes, encoders and drive controllers to create individual solutions that meet your exact requirements. For applications where a rotary motion is to be converted into a linear motion, we offer drive systems with lead screws - both as through-spindle and with matching spindle nut.

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 3200-I-44-89	 t-Rex 3200-I-44-89		
Size	44	44	65	65		
Length	47	89	41	86		
Winded with focus	max. torque	max. speed	max. torque	max. speed	max. speed	max. torque
Rated voltage (VDC)	24 - 48	24 - 36	24 - 48	24 - 36	24 - 48	24 - 48
Output voltage (W)	42 - 93	48 - 38	31 - 70	67 - 79	134 - 301	106 - 232
Rated speed (rpm)	2000 - 4437	4600 - 7400	600 - 1347	2418 - 3767	2139 - 4812	535 - 1185
Rated torque (Nm)	0.2	0.1	0.5	0.3	0.6	1.9
Stall torque (Nm)	1	1.1	1.8	2	1.9	9
Item.-Nr.	3200.00-3000	3200.00-3002	3200.00-0005 3200.00-0006	3200.00-0004 3200.00-0009	3206.00-0001	3206.00-0003 3206.00-0005
Planetary gearbox	IMS.35 Pro MAX LN IMS.42 Pro MAX LN	#	IMS.35 Pro MAX LN IMS.42 Pro MAX LN	IMS.35 Pro MAX LN IMS.42 Pro MAX LN	IMS.53 Pro MAX LN IMS.60 Pro MAX LN	IMS.53 Pro MAX LN IMS.60 Pro MAX LN
 $\eta=80\% - 75\%$ $i=4:1$ bis $89:1$						
Planetary gearbox	PLE040	PLE040	PLE040	PLE040	PLE040 PLE060	PLE040 PLE060
 $\eta=98\% - 97\%$ $i=3:1$ bis $64:1$						
Worm gearbox	Ket-Motion 2020 Ket-Motion 2030	Ket-Motion 2020 Ket-Motion 2030	Ket-Motion 2020 Ket-Motion 2030	Ket-Motion 2020 Ket-Motion 2030	Ket-Motion 2020 Ket-Motion 2030	Ket-Motion 2030
 $i=1:1$ bis $65:1$						
Bevel gearbox	Ket-Bee 200X L Ket-Bee 200X T	Ket-Bee 200X L Ket-Bee 200X T	Ket-Bee 200X L Ket-Bee 200X T	Ket-Bee 200X L Ket-Bee 200X T	Ket-Bee 200X L Ket-Bee 200X T	Ket-Bee 200X L Ket-Bee 200X T
 $i=1:1$						
Ex. drive controller	mcDSA-E40 mcDSA-E45 other miControl types on request	mcDSA-E40 mcDSA-E45 other miControl types on request	mcDSA-E40 mcDSA-E45 other miControl types on request	mcDSA-E40 mcDSA-E45 other miControl types on request	mcDSA-E40 mcDSA-E45 other miControl types on request	mcDSA-E40 mcDSA-E45 other miControl types on request
 miControl	Our motors are perfectly designed to be combined with the most common drive controllers on the market. If you are planning to use a different controller, please contact us!					
External encoder	Our motors are characterized by seamless compatibility with all common encoder types on the market. We look forward to helping you meet your requirements and offering you the best possible solution.					
						
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					
