

Tandem toothed belt axis



Order key



Order example

ZLWT-10160



- Addition to the tandem toothed belt axis installation size 10/20
- Compact tandem toothed belt axis with two drive belts in one unit
- Two carriages can be controlled synchronously or independently
- With drylin® W exchange bearings for fast bearing exchange on the rail
- Can be supplied ready-to-connect with igus® motors and drylin® D1 drive motor control system

Technical data

Part No.	Max. stroke length [mm]	Transmission [mm/U]	Tooth profile	Drive belt		Weight [kg]	Additional (per 100mm) [kg]
				Material	Tension [N]		
ZLWT-10160	2,000	75	3M	Neoprene with fibre glass	200	4.0	0.25
ZLWT-10200	2,000	75	3M	Neoprene with fibre glass	200	4.5	0.30
ZLWT-20200	3,000	144	8M	PU with stainless steel reinforcement	750	11.0	0.50
ZLWT-20300	3,000	144	8M	PU with stainless steel reinforcement	750	12.5	0.65

Dimensions [mm]

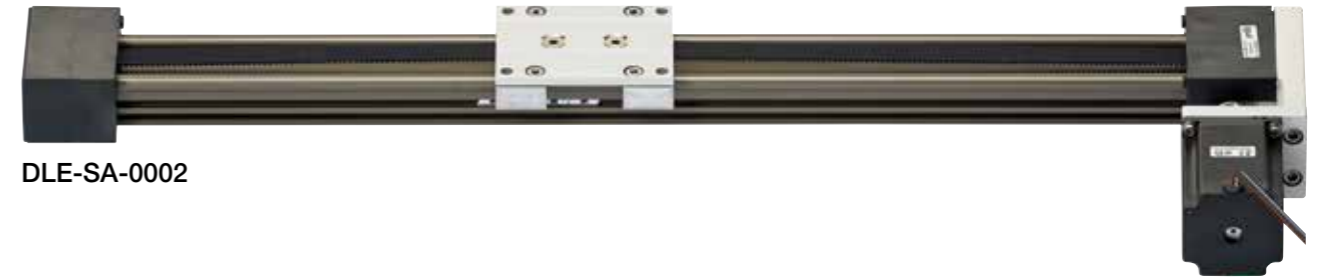
Part No.	A	AI	H	E2	E3	E4	C4	f	lt	ha	lz	l	d2 h7
ZLWT-10160	193	150/200/250	40	180	AI-13	90	240	1	74	18.0	18	448	10
ZLWT-10200	233	150/200/250	40	220	AI-13	120	240	1	74	18.0	18	448	10
ZLWT-20200	252	200/250/300/350	63	234	AI-18	120	240	1	98	28.5	27	596	14
ZLWT-20300	352	200/250/300/350	63	334	AI-18	200	240	1	98	28.5	27	596	14

Part No.	d3	g3	D	K		at	lt2	lu	V [mm/rev]
				For DIN912 – M6					
ZLWT-10160	38	M4	10	M6	107	59	20	75	
ZLWT-10200	38	M4	10	M6	107	59	20	75	
ZLWT-20200	60	M5	20	M8	122	78	40	144	
ZLWT-20300	60	M5	20	M8	122	78	40	144	

Linear axes with motor from stock – available in 24hrs



DLE-SA-0001



DLE-SA-0002



DLE-SA-0003

Available in 24 hours:

drylin® linear axes with motor

igus® delivers ready-to-install, preconfigured linear modules (drive: lead screw or toothed belt) from stock within 24 hours.

You simply choose between 3 sizes, 3 stroke lengths and 3 stepper motors ... and the system is delivered in 24 hours after you place your order.

- Drive: Lead screw or toothed belt
- Completely lubrication-free
- Stepper motors with stranded wires
- Pre-assembled and tested
- Basis drylin® ZLW and SAW linear axes

Technical data

Part No.	Installation size	Carriage length	Stroke length	Motor type	Max. static load capacity	
					axial [N]	radial [N]
DLE-SA-0001	ZLW-0630 basic	60	300	NEMA17 stranded wires	35	140
DLE-SA-0002	ZLW-1040 basic	100	500	NEMA23 stranded wires	100	400
DLE-SA-0003	ZLW-1080 standard	100	1,000	NEMA23XL stranded wires	150	600



Further information about the motors

► Page 1518