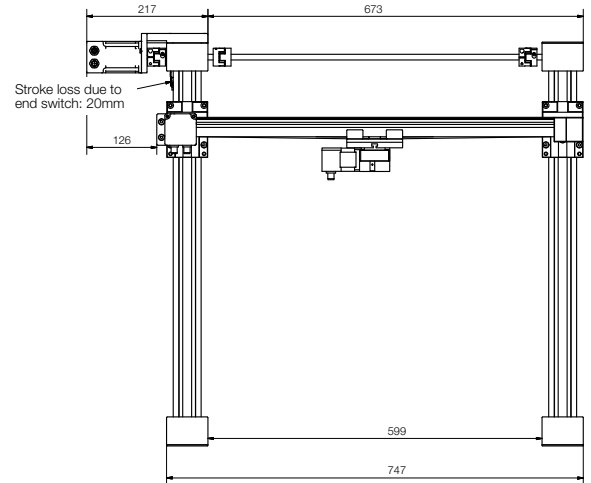
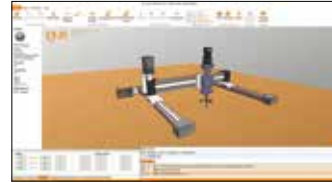


Room linear robot - for three dimensional applications



Part No.

- DLE-RG-0001
- DLE-RG-0002
- DLE-RG-0003
- DLE-RG-0004



igus® Robot Control

► From page 718

DLE-RG-0001

- **x-axis:** drylin® ZLW-1040 toothed belt axis with NEMA23 stepper motor with encoder
- **y-axis:** drylin® ZLW-1080 toothed belt axis with NEMA23 stepper motor with encoder
- **z-axis:** drylin® GRW cantilever axis with rack and pinion drive and NEMA17 stepper motor with encoder
- Proximity switches, connection cables, control systems and other installation sizes upon request

DLE-RG-0002

- **x-axis:** drylin® ZLW-0630 toothed belt axis with NEMA23 XL stepper motor with encoder
- **y-axis:** drylin® ZLW-0660 toothed belt axis with NEMA23 stepper motor with encoder
- **z-axis:** drylin® GRW-0630 cantilever axis with NEMA17 stepper motor with encoder
- Proximity switches, connection cables, control systems and other installation sizes upon request

DLE-RG-0003

- **x-axis:** drylin® ZLW-1040 toothed belt axis with NEMA23 XL stepper motor with encoder
- **y-axis:** drylin® ZLW-10120 toothed belt axis with NEMA23 XL stepper motor with encoder
- **z-axis:** GRR-1280 rack axis with NEMA23 XL stepper motor with encoder
- Proximity switches, connection cables, control systems and other installation sizes upon request

DLE-RG-0004

- **x-axis:** drylin® ZLW-20120S with NEMA24 stepper motor and 3:1 gearbox
- **y-axis:** drylin® ZLW-20200S with NEMA24 stepper motor and 3:1 gearbox
- **z-axis:** 1 x GRR-20120 rack axis with NEMA24 stepper motor
- Proximity switches, connection cables, control systems and other installation sizes upon request

Technical data

		DLE-RG-0001	DLE-RG-0002	DLE-RG-0003	DLE-RG-0004
Workspace ¹⁸¹⁾	[mm]	500 x 500 x 100	400 x 400 x 150	800 x 800 x 500	2,000 x 2,000 x 1,000
Max. speed	[m/s]	0.5	0.5	0.5	0.5
Max. acceleration	[m/s ²]	1.5	1.5	1.5	1.0
Repeatability	[mm]	0.8	0.8	0.8	0.8
load capacity	[N]	25.0	25.0	50.0	100.0

¹⁸¹⁾ Customised stroke length upon request