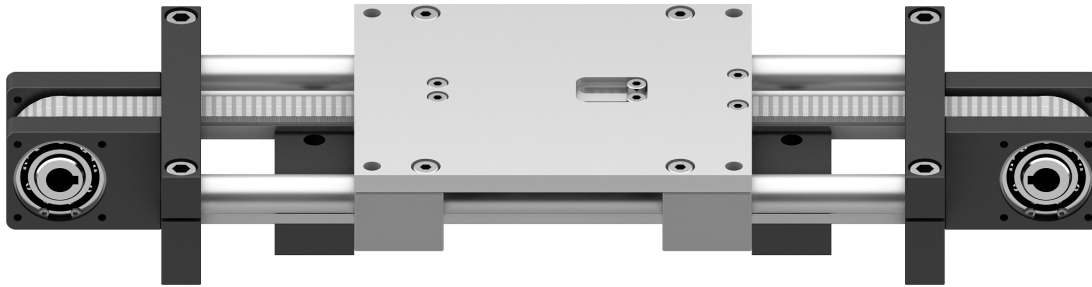


drylin® linear module: ZLW-20120-S



Unit cost: Upon request

Total price: Upon request (1 piece/pieces)

Price plus VAT and shipping charges This offer is valid for 4 months after being drawn up, subject to general price increases.

Configuration ID / order number: (Configuration number not yet assigned)

URL for configuration:

<https://drylin-drive-technology-configurator.igus.tools?configurationId=DDX-0001408824>

Technical data

Product features:

Total weight: 12.44 kg	Max. static load: 3,000.00 N *
Stroke length: 1000 mm	Max. tightening torque: 20.00 Nm *
Self-locking: No	Max. speed: 5.00 m/s *
Feed rate: 144 mm / Revolution	

* Maximum values for one criterion in each case; the values cannot be achieved in combination.

Based on your application parameters:

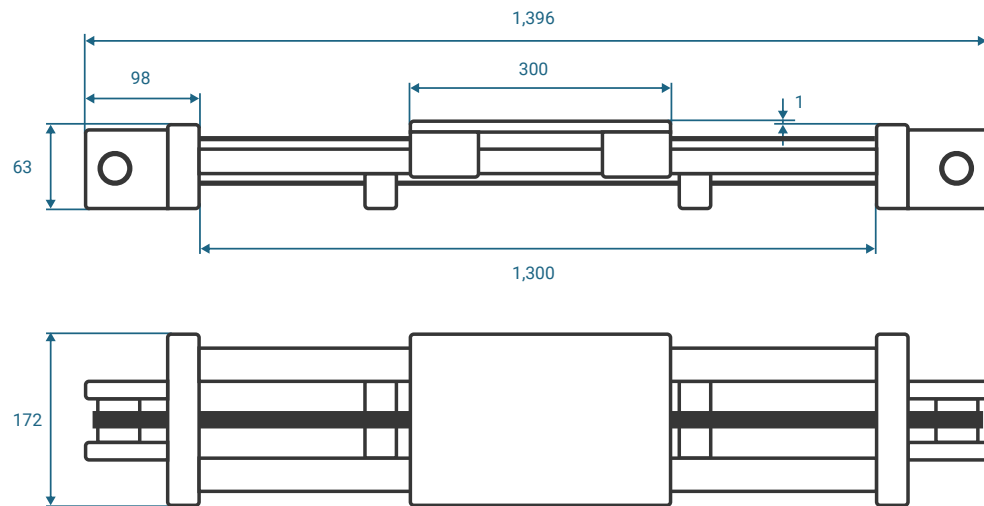
Service life at 20°C: 1,394,000 Double strokes	Operating characteristics: Ok
Required torque: 9.83 Nm	Required speed: 250 rpm

Important instructions:



The calculated service life applies to an ambient temperature of 20°C

Linear unit dimensions



Dimensions in mm

Rail length

1340 mm

Linear unit

Carriage

One carriage, 300 mm length

Zinc bearing housing (standard)

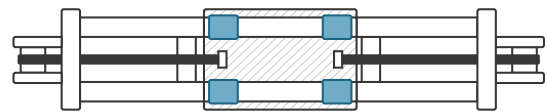
Aluminium carriage plate



Bearing of the carriage

Fixed bearing (standard)

Material: iglidur® J200



Bearing of the toothed belt

Steel ball bearings



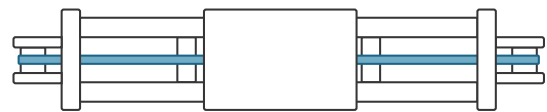
Drive belt

PU toothed belt

Stainless steel reinforcement

Profile: HTD 8M

Pitch: 8



Selected accessories

Motor (MOT-AN-S-060-059-086-L-A-AAAA)

Orientation: 0°

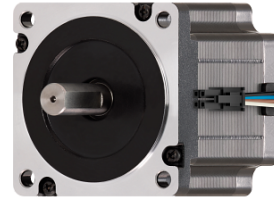
Installation side: Left-hand

Stepper motor NEMA 34 - Motor flange: 86 mm

Motor not suitable

With Stranded wires

Operating voltage: 24 V



Your application parameters

Weight force: 150.00 N

Stroke length: 1000 mm (3000 mm max.)

System alignment: Horizontal

Speed: 0.60 m/s (5.00 m/s max.)

Offset x: 500 mm

Acceleration: 10.0 m/s²

Offset y: 100 mm

Duty cycle: 90 %

Offset z: 0 mm

Note and information on warranty

The information in this software, and specifically the data from the expert are based on the current state of our knowledge about the described products. A legally binding assurance of certain properties or the fitness for a certain use cannot be derived. igus® assumes no liability for losses of any kind resulting from the use of the products. We recommend that you always check the suitability of the products for a certain purpose in a field test. Please take advantage of our consulting services. Due to continuing technical advances, we reserve the right to make technical changes and product improvements at any time.