

## Eco-friendly Lubrication

# EL Self Lubrication Device EL Auxiliary Lubrication Module



The EL Auxiliary Lubrication Module is an environment friendly lubrication system that can extend the maintenance life of HIWIN ballscrews and guideways to 10,000 km. The module is installed on both ends of a ballscrew nut or a guideway block and provides extended lubrication through a no-drip encapsulated material for a cleaner environmental solution.

- Feature /**
- Extend maintenance period to reach more than 10,000 km.
  - Eco-friendly.
  - Direct lubrication in ball rolling groove.
  - Compatible with most HIWIN ballscrews/guideways.
  - Conforms to the cleanroom specifications.

- Application /**
- Automation
  - Conveying equipment
  - Industrial machine
  - Semi-conductor
  - Inspection machine

Notes :

\*1. Service life will vary from application environment, lubrication conditions, and assembly accuracy.

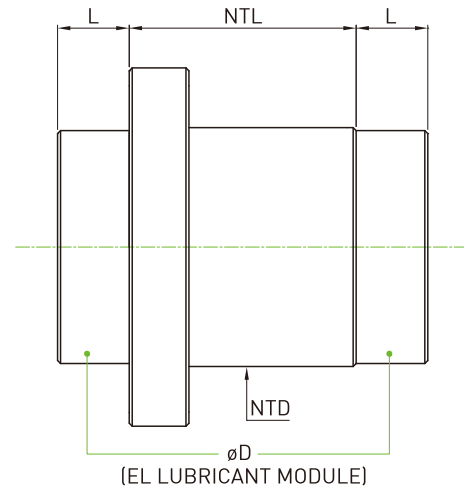
\*2. Suggested operating temperature: 25~50 °C

## EL specification for Ballscrews

Unit: mm

Spec. (BS outer diameter)	EL outer diameter (D)	One side EL length (L)
ø12	22	10
ø15、ø16	28	14
ø20	35	14
ø25	39	12
ø32	55	15
	47	12
ø36	65	15
	55	15
ø40	62.5	15

※If other size is needed, please contact HIWIN.

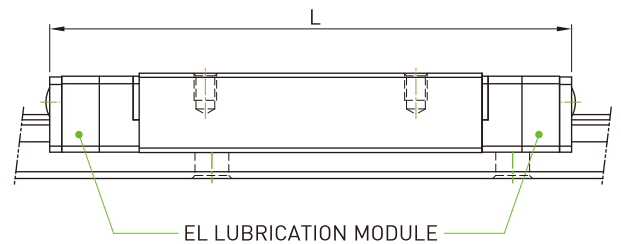


## EL specification for Guideways

Unit: mm

Spec.	One side EL length	Standard block length without EL	Block length with EL (L)
MGN7-C/H	3.5	22.5 / 30.8	29.5 / 37.8
MGN9-C/H	5	28.9 / 39.9	38.9 / 49.9
MGN12-C/H	5	34.7 / 45.4	44.7 / 55.4
MGW9-C/H	5	39.3 / 50.7	49.3 / 60.7
MGW12-C/H	5	46.1 / 60.4	56.1 / 70.4

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The specifications in this catalog are subject to change without notification.

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