

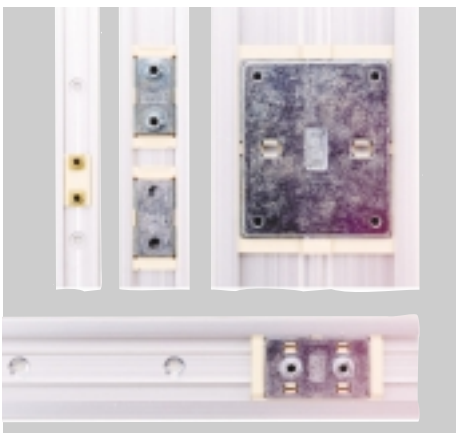
DryLin® N

mm

Phone +49 - 22 03 - 96 49-145  
Fax +49 - 22 03 - 96 49-334



## DryLin® N Low Profile Linear Guide System



Low profile height and width

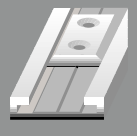
Replaceable polymer sliding elements

Anodized aluminum rail

High speed and  
acceleration possible

Lubrication free

Light weight



# DryLin® N Low Profile Linear Guide Systems

mm

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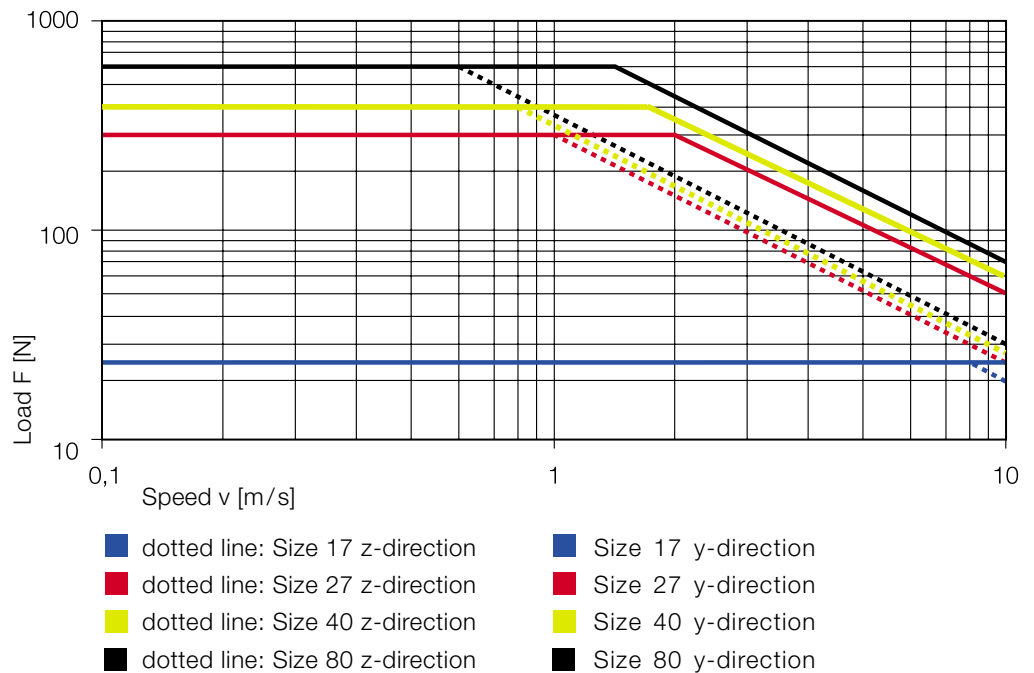
igus® GmbH  
51127 Cologne

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email [info@igus.de](mailto:info@igus.de)



## Advantages

- small mounting height and width
- maintenance free and self lubricating
- high resistance to dirt
- corrosion resistant
- low wear at a low coefficient of friction
- lightweight due to Aluminum polymer combination
- very high speed and acceleration possible
- replaceable polymer sliding elements made of iglidur® J
- base structure of the carriage made of polymer (size 17) or chromated zinc (size 27, 40 and 80)
- rails made from anodized aluminum
- available from stock



Graph 29.1: Fv-Diagram, maximum permissible dynamic loads of DryLin® N

### Part No.

#### Rail + Fixed Bearing

NK-02-17- Number of carriages, length in mm  
NK-01-27- Number of carriages, length in mm  
NK-02-27- Number of carriages, length in mm  
NK-02-40- Number of carriages, length in mm  
NK-02-80- Number of carriages, length in mm

### Part No.

#### Rail + Floating Bearing

NK-02-17- Number of carriages, length in mm, LL  
NK-01-27- Number of carriages, length in mm, LL  
NK-02-27- Number of carriages, length in mm, LL  
NK-02-40- Number of carriages, length in mm, LL  
NK-02-80- Number of carriages, length in mm, LL

## Ordering Instructions

The assembly number corresponds to the part no., provided the carriage is provided as a fixed bearing.

Order Example: NK-02-17-2, 500

### Part No.

Rail	Fixed Bearing
NS-01-17, length in mm	NW-02-17
NS-01-27, length in mm	NW-01-27 / NW-02-27
NS-01-40, length in mm	NW-02-40
NS-01-80, length in mm	NW-02-80

For floating bearing, please add LL behind the part no.:  
Order Example: NW-01-27 LL



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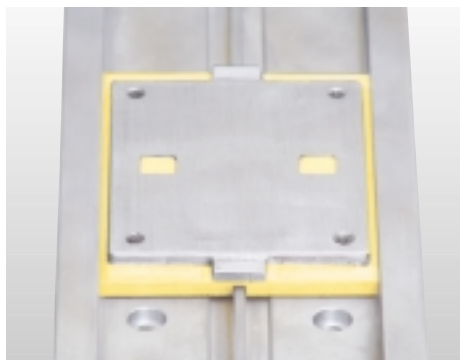
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## 28.6

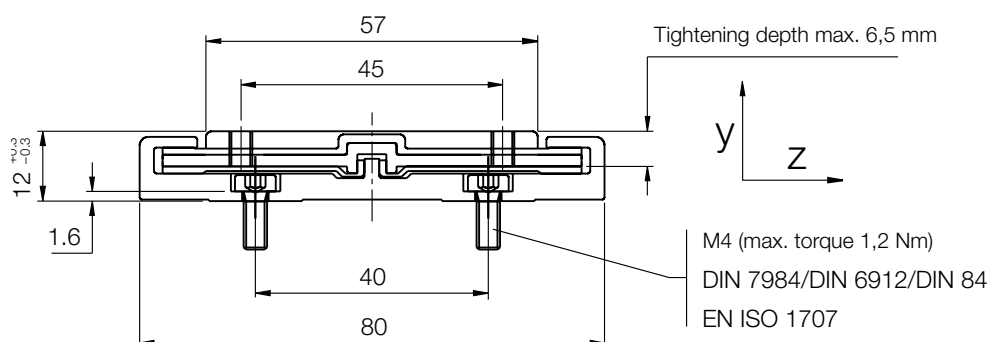
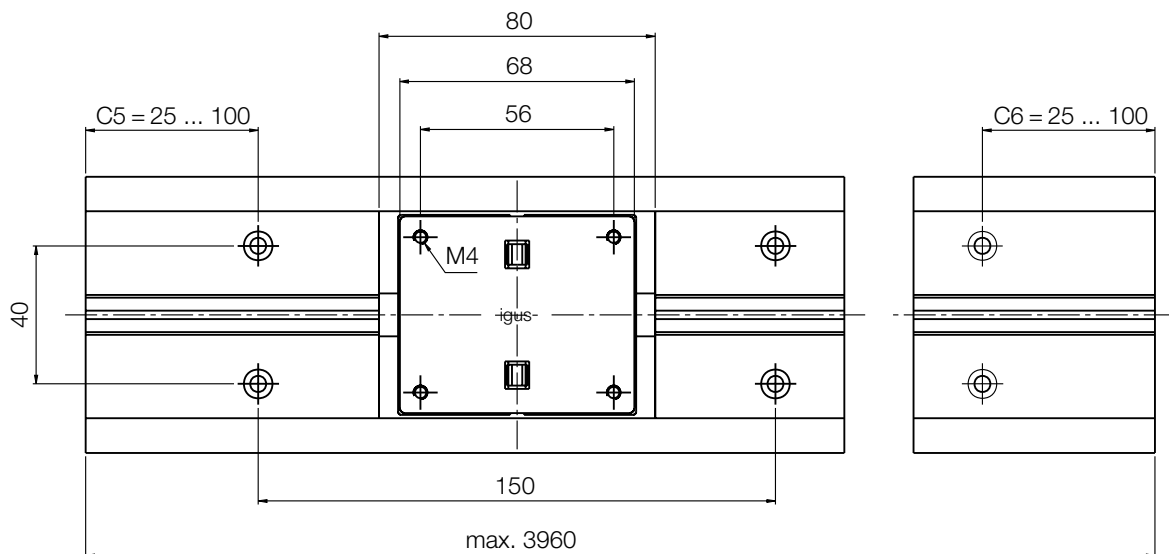


# DryLin® N Low Profile Linear Guide NK-02-80

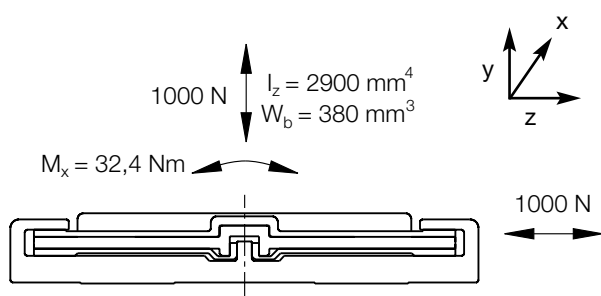


## Data

- Rail weight 1140 g / m
- Carriage weight: 100 g
- Maximum rail length 3960 mm
- Standard bore scheme Symmetrical  
C5 = C6



### Load Data:


$$\begin{aligned} M_y &= 15 \text{ Nm} \\ M_z &= 15 \text{ Nm} \end{aligned}$$

Order Example: NK-02-80-2,500

Additional ordering instructions: Page 28.2