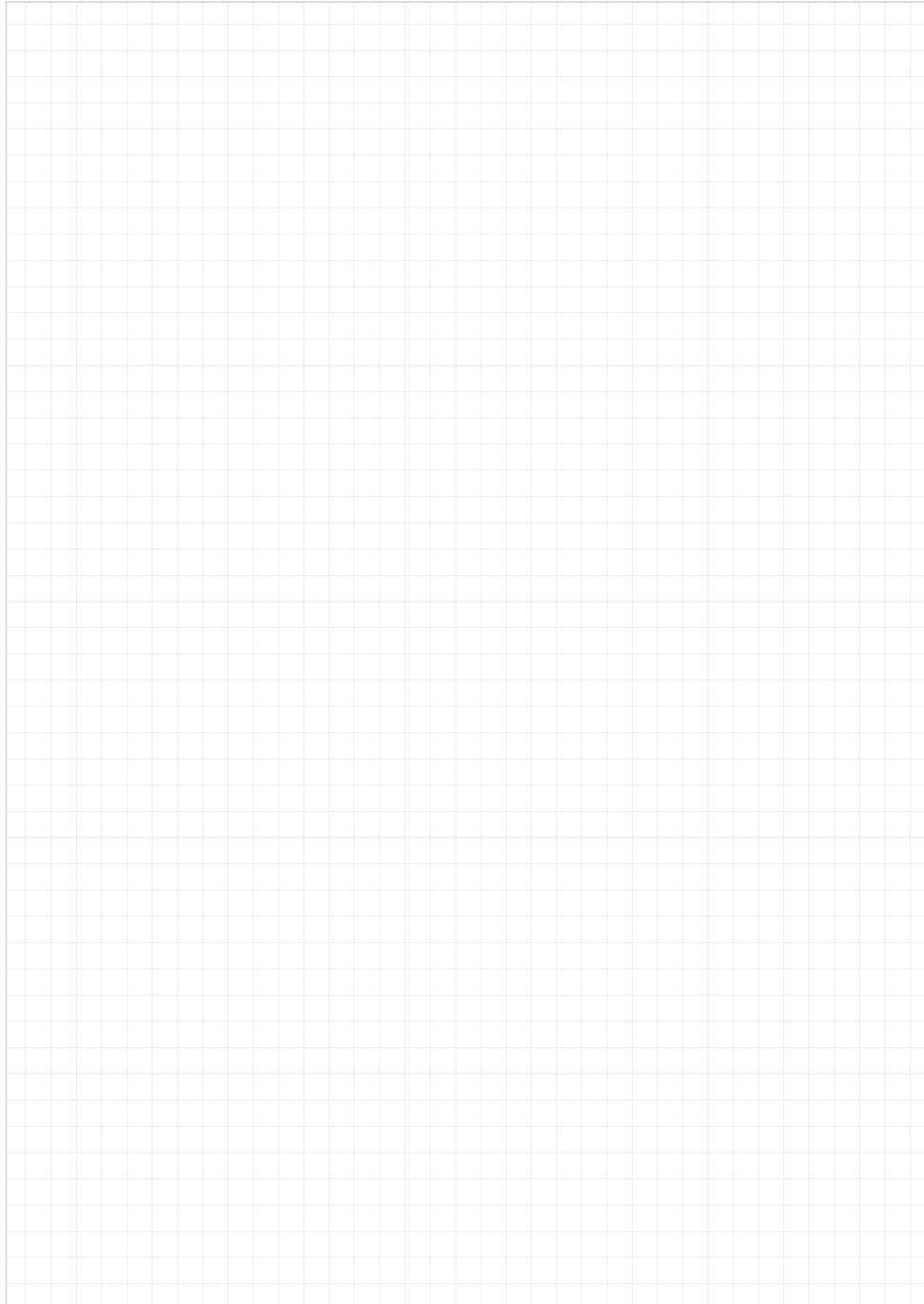




drylin[®] linear technology – drylin[®] N low-profile linear guides

Low profile and lightweight

Lubrication-free **dry-tech[®]** sliding elements

Anodised aluminium rail

High speed and acceleration possible

Quiet operation



Lubrication-free low-profile linear guides – drylin® N

The low-profile range drylin® N offers extremely low profiles in several widths. Like all drylin® products the carriages run without lubrication in an anodised aluminium profile. The selected materials and the unique design make drylin® N a cost-effective and flexible guide system.

- Low profile between 6 and 12mm
- Lightweight
- Many carriage options – also with pre-load
- Maintenance-free dry operation
- Corrosion-free
- Low wear with low coefficient of friction
- Silver or black-anodised rails

Typical application areas

- Agricultural machinery
- Automotive
- Medical technology
- Facade construction
- Packaging industry



Available from stock

Detailed information about delivery time online.



Price breaks online

No minimum order value. No minimum order quantity.



Max. +90°C
(+50°C for overmoulded sliding elements)
Min. –40°C



17mm – 80mm



Service life calculation

► www.igus.eu/drylin-expert



Free from toxins

2011/65/EU (RoHS)



Cleanroom certified

IPA Fraunhofer



ESD-compatible

(electrostatic discharge)



Guide rails

- Four installation sizes: 17, 27, 40 and 80mm
- Low profile, lightweight design
- Clear anodised (silver) or black anodised surfaces

► [From page 977](#)



Guide carriage – installation size 17

- Solid plastic made from high-performance polymer iglidur® J
- Compact for the smallest installation spaces
- Length of carriage up to 40mm

► [Page 977](#)



Guide carriage – installation size 27

- Carriage with changeable sliding elements
- Sliding carriages with captive overmoulded sliding elements
- Variable lengths and screw on options

► [Page 979](#)



Guide carriage – installation size 40

- Carriage with thread pin or plain hole
- Pre-load version available

► [Page 981](#)

Guide carriage – installation size 80

- Carriage with wide load-bearing surface
- Lubrication-free due to high-performance polymers iglidur® J/J200
- Low profile design due to threaded holes

► [Page 983](#)

Telescopic system

- Continuous lengths up to 1,200mm (total extension)
- Available with partial, total or over extension
- With locking mechanism if required

► [Page 988](#)



Pre-load prism slides

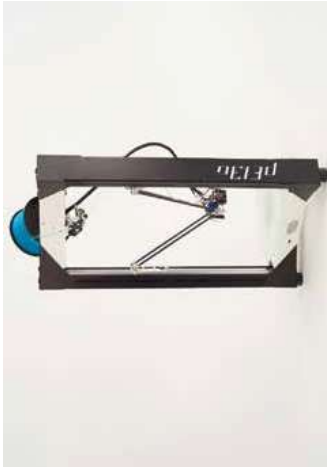
- Easy positioning of carriage
- Four pre-load classes
- Guaranteed drive force and holding force
- Extremely lightweight low-profile

► [From page 984](#)



Based on drylin® N

drylin® SLN miniature linear module
► [from page 1339](#)



The most important decision criterion for drylin® N low-profile linear guides is the low installation height as this makes it possible to achieve a maximum load.



drylin® N low-profile linear guides and drylin® SD lead screw drives perform the height adjustments. As a black-anodised profile, drylin® N blends into the design of the 3D printer.



In the redesigning of the table guidance for this automated teller, the focus was on a ready-to-install, cost-effective, durable and lubrication-free bearing and system.



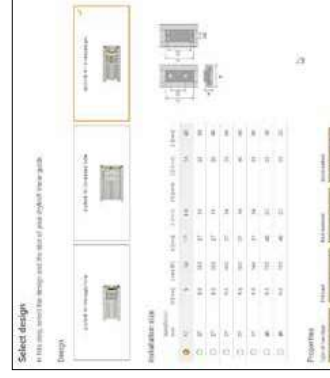
The quiet, lubrication-free, low-profile design of drylin® N made it the ideal solution and enabled it to fulfil all relevant safety requirements. The rails could be connected to the desired length.



The removal unit is moved along the X-Y axis using the space-saving and cost-saving drylin® N low-profile linear guide. The robust drylin® T guide system undertakes the vertical guidance.



The sampling device uses drylin® linear plain bearings to remove the products precisely and smoothly.



Expert for linear guides: System selection & service life calculation with CAD
Configure and calculate the service life of linear bearings – constantly expanded by new sizes and products
Easily calculate the service life of your required linear guide and configure with a few clicks. Select a drylin® system and add the relevant environmental parameters. Select the bearing size, carriage, number and position. Then enter the distance between the rails and the mounting. Define more relevant parameter of the guidance and select a rail length. The results are displayed.



► www.igus.eu/drylin-expert



Download the online tool app now



drylin® CAD configurator: Generate complete 3D models for drylin® linear technology according to your specifications

The Icus® CAD online configurator gives you the ability to design and save your linear guide as a system, individual components directly as a 3D model in all commonly used formats, or to have these sent by e-mail – free of charge and without registration.



► www.igus.eu/drylin-CAD



More information about the products can be found in the Icus® download area

- Assembly instructions
- Assembly videos
- System design
- Catalogues



► www.igus.eu/downloads



- NW-... NW-... LLZ NW-... LLY NW-... LLYZ
- LLZ Floating bearing in z-direction
- LLY Floating bearing in y-direction
- LLZ Floating bearing in yz-direction



Technical details on floating bearings ► Page 907

The 2:1 Rule ► Page 907

Technical options for drylin® low-profile linear guides

Clip-on sliding elements

Depending on the installation size, up to three lubrication-free sliding elements made from the high-performance polymer iglidur® J are clipped on around the zinc die-casting carriage body. These can be changed any time simply and fast, the zinc die-casting carriage can be reused. A set of appropriate sliding elements is available for every clip-on carriage (Part No. NEK... ► Page 992).

Pre-load function

The use of sliding elements with an integrated spring pre-load function prevents the carriages in the rail profile from rattling. Adjustment occurs silently using the pre-load principle, making the guide suitable for use in noise-sensitive environments such as the automotive, medical or furniture sectors. Pre-load increases the displacement force by max. 10N.

Overmoulded sliding elements

With this carriage type, the zinc die-casting body is made as an integral part of the high-performance polymer iglidur® J/ J200 during the injection moulding process. For the user this production process offers the advantage, that the sliding surface is connected captive and insoluble to the carriage. This makes it quicker to install the carriages in the profile. Robust storage is possible, including in the form of bulk goods, as the sliding elements cannot come loose. It is not possible to retrofit sliding elements; the carriages must be entirely replaced at the end of their service life. The continuous operating temperature for overmoulded sliding elements is +50°C.

Anodised surfaces

All drylin® N guide rails are anodised and are distinguished by good wear properties and corrosion resistance. All rail sizes are available as clear-anodised version (silver) as well as anti-reflect version with black-anodised surface. These are technical surfaces and not decorative. Slight crack formations and colour variations cannot be prevented during production, but they do not affect the resistance, the corrosion behaviour or the sliding properties. Cutting surfaces and machined surfaces are uncoated.

Tightening torque for drylin® connections between metal parts

Metric thread (Da)	Tightening torque [Nm]	Recommended tightening torque [Nm]
M3	0.5 – 1.1	0.7
M4	1.0 – 2.8	1.5
M5	2.0 – 5.5	3.0
M6	4.0 – 10.0	6.0
M8	8.0 – 23.0	15.0
M10	22.0 – 46.0	30.0

Please be aware of the minimal screw-in depth for aluminium and zinc die-casting parts: 1.5 x Da

System selection					
System	N17	N27	N40	N80	
Rail width	17mm	27mm	40mm	80mm	
Installation height	6mm	9.5mm	9.5mm	12mm	
General properties					
Rail weight	150g/m	290g/m	450g/m	1,140g/m	
Carriage weight	1.7g	9–12.5g	30g	100g	
Max. rail length	2,000mm	3,000mm	3,000mm	4,000mm	
Load capacity, static					
Fy	50N	500N	700N	1,000N	
Fz	50N	500N	700N	1,000N	
Mx	0.31Nm	5Nm	10Nm	32.4Nm	
My, Mz	0.18Nm	2.5Nm	6Nm	15Nm	
Carriage options					
Floating bearing in y-direction	●	●	●	●	
Floating bearing in z-direction	●	●	●	●	
Floating bearing in yz-direction	●	●	●	●	
Pre-load (1N)	●	●	●	–	
Overmoulded version	–	●	●	●	
Carriage with through hole	–	●	●	–	
Carriage with threaded pin	●	●	●	–	
Carriage with threaded hole	–	–	–	●	

Table 01: System selection ● available – not available

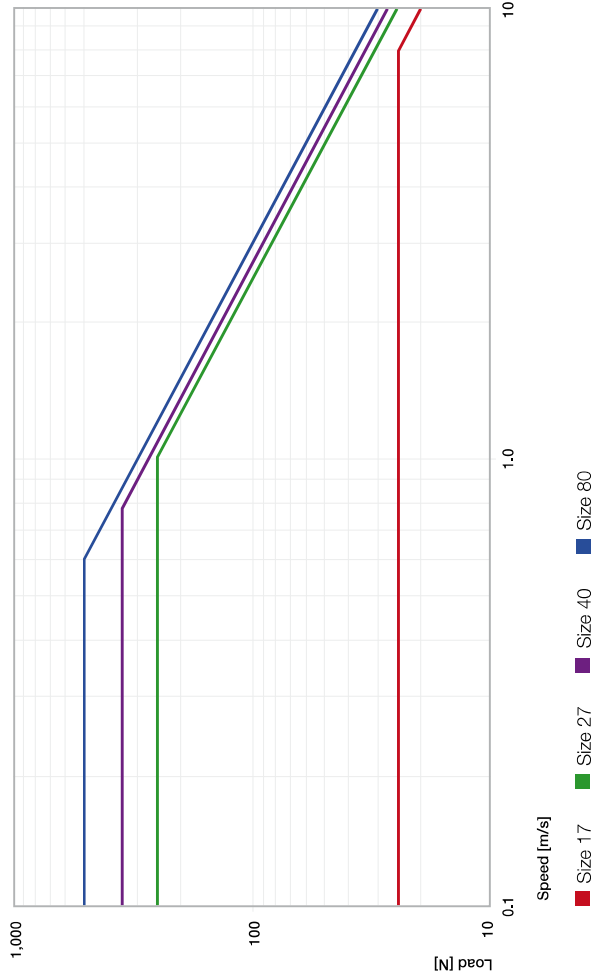


Diagram 01: F v diagram, maximum permissible dynamic load



Complete system



Order key

Type	Installation size	Options
NW - 22 - 17 - 30 - LLY		
drylin® N	Guide carriages	Type of carriage
	Rail width	Carriage length
		Floating bearing in y-direction
Type of carriage: 02: Carriage with threaded pin; 22: Double carriage with threaded pin		
Options: P: Pre-load Floating bearing: LLY: y-direction (not possible with the "P" version) LLZ: z-direction LLYZ: yz-direction		

Guide rail – dimensions [mm]

Part No.	L		a	C4	C5 C6		h	h1	K1 ⁷³⁾	ly	lz	Weight [g/m]
	Max.				Min.	Max.						
NS-01-17-□ ⁷²⁾	2,000	17	60	20	49.5	5.5	0.9	0.9	0.9	1,700	120	150
NS-01-17-UNGEBOHRT-□ ⁷²⁾	2,000	17	-	-	-	5.5	0.9	-	-	1,700	120	150
NS-01-17-AR-□ ⁷²⁾	2,000	17	60	20	49.5	5.5	0.9	0.9	0.9	1,700	120	150

Guide carriage – dimensions [mm]

Part No.	H ±0.35	A	C	C2	K3 ⁷⁴⁾	Sp	Dp ¹⁵⁹⁾	Weight [g]
NW-02-17	6.0	9.6	20	14	M3	2.5	5.0	1.7
NW-02-17-P	6.0	9.6	20	14	M3	2.5	5.0	1.7
NW-22-17-30	6.0	9.6	30	18	M3	2.5	5.0	2.4
NW-22-17-40	6.0	9.6	40	28	M3	2.5	5.0	2.6

⁷²⁾ Please give the required length in mm, symmetrical standard hole pattern C5=C6

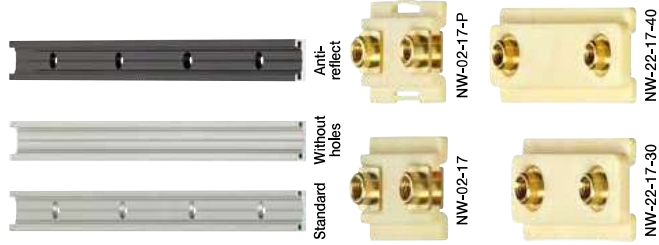
⁷³⁾ For cap screw with low head (e.g. DIN 7984, DIN 6912, DIN 84, EN ISO 1707)

⁷⁴⁾ Metal thread

¹⁵⁹⁾ Hole min. Ø



All elements can be ordered individually or as assembled systems
NS-01-17-1500: Guide rail, installation size 17, 1,500mm length
NK-02-17-02-500-LLY: Complete system with two solid plastic guide carriages with threaded pins, installation size 17, floating bearing in y-direction and 500mm guide rails with standard holes



Selection aid – guide carriage

Part No.	Single	Double	Through hole	Threaded pin	Threaded hole	Pre-load	Solid plastic	Clipped-on	Overmoulded
NW-02-17	●			●			●		
NW-02-17-P	●			●		●	●		
NW-22-17-30		●		●			●		
NW-22-17-40		●		●			●		



Complete system



Order key

Type	Size	Options
NW - 01 - 27 - HT - LLY		
drylin® N	Guide carriages	Type of carriage: See selection aid
Type of carriage	Rail width	Options: P: Pre-load HT: High temperature Floating bearing: LLY: y-direction LLZ: z-direction LLYZ: yz-direction
High temperature	Floating bearing in y-direction	

Guide rail – dimensions [mm]

Part No.	L		a	C4	C5 C6		h	h1	K1 ^{7a)}	ly	Iz	Weight [g/m]
	Max.				Min.	Max.						
NS-01-27-□ ^{7a)}	3,000	27	60	20	49.5	9	1.1	04.5	588	588	290	
NS-01-27-UNGEBOHRT-□ ^{7a)}	3,000	27	–	–	–	9	1.1	–	6,524	588	290	
NS-01-27-AR-□ ^{7a)}	3,000	27	60	20	49.5	9	1.1	04.5	6,524	588	290	

Guide carriage – dimensions [mm]

Part No.	H		A	C	C1	C2	H2	K ^{7a)}	K3 ^{7a)}	M ^{7a)} [Nm]	Sp	Dp ^{15a)}	Weight [g]
	±0.35												
NW-01-27	9.5	14.0	40	30	20	1.2	04.5	–	–	–	–	–	10.8
NW-11-27	9.5	14.0	34	30	20	1.2	04.5	–	–	–	–	–	10.8
NW-01-27-P	9.5	14.0	40	30	20	1.2	04.5	–	–	–	–	–	10.8
NW-01-27-HT	9.5	14.0	40	30	20	1.2	04.5	–	–	–	–	–	11.0
NW-02-27	9.5	14.0	40	30	20	–	–	M4	1.2	5.0	6.5	12.5	12.5
NW-12-27	9.5	14.0	34	30	20	–	–	M4	1.2	5.0	6.5	12.5	12.5
NW-02-27-P	9.5	14.0	40	30	20	–	–	M4	1.2	5.0	6.5	12.5	12.5
NW-02-27-HT	9.5	14.0	40	30	20	–	–	M4	–	5.0	6.5	13.0	13.0
NW-21-27-60-P	9.5	14.0	60	60	20	0.7	04.5	–	–	–	–	–	9.0
NW-22-27-60-P	9.5	14.0	60	60	20	–	–	M4	1.2	5.0	6.5	12.0	12.0
NW-31-27-60-P	9.5	14.0	60	60	40	0.7	–	M4	–	–	–	–	9
NW-32-27-60-P	9.5	14.0	60	60	40	–	–	M4	1.2	5	6.5	12	12
NW-11-27-80	9.5	14.0	80	76	60	1.2	04.5	–	–	–	–	–	25.0
NW-12-27-80	9.5	14.0	80	76	60	–	–	M4	1.2	5.0	6.5	25.0	25.0

^{7a)} Please give the required length in mm, symmetrical standard hole pattern C5=C6

^{7a)} For cap screw with low head (e.g. DIN 7984, DIN 6912, DIN 84, EN ISO 1707)

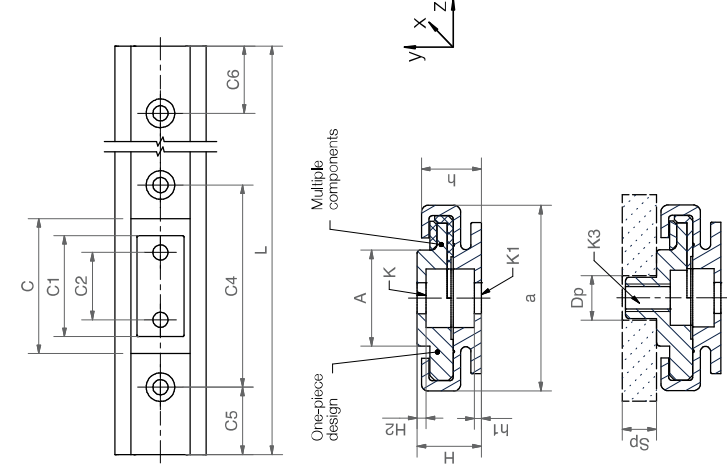
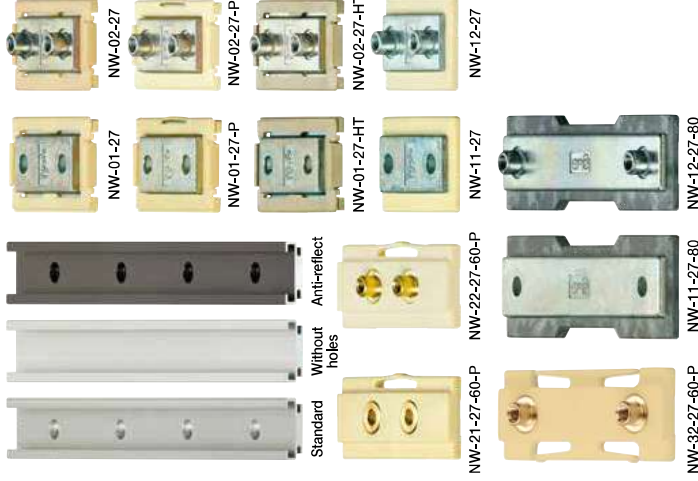
^{7a)} Metal thread ^{7a)} Max. screw tightening torque ^{15a)} Hole min. Ø

All elements can be ordered individually or as assembled systems

NS-01-27-1500: Guide rail, installation size 27, 1,500mm length

NW-02-27-P-LLY: Guide carriage with threaded pin, installation size 27, pre-load, floating bearing in y-direction

NK-02-27-02-500-LLY: Complete system with two clipped-on guide carriages with threaded pins, installation size 27, floating bearing in y-direction and 500mm guide rails with standard holes



Selection aid – guide carriage

Part No.	Single	Double	Through hole	Threaded pin	Threaded hole	Pre-load	Solid plastic	Clipped-on	Over-moulded	High temp.
NW-01-27	●		●					●		
NW-11-27	●		●						●	
NW-01-27-P	●		●			●		●		
NW-01-27-HT	●		●					●		●
NW-02-27	●			●				●		
NW-12-27	●		●	●					●	
NW-02-27-P	●		●	●		●		●		
NW-02-27-HT	●		●	●				●		●
NW-21-27-60-P	●		●			●				
NW-22-27-60-P	●			●		●		●		
NW-31-27-60-P	●			●		●		●		
NW-32-27-60-P	●			●		●		●		
NW-11-27-80		●	●						●	
NW-12-27-80		●		●					●	



Complete system



Order key

Type	Size	Options
NW - 01 - 40 - P - LLY		
drylin® N	Guide carriages	Type of carriage
	Rail width	Pre-load
		Floating bearing in
		Y-direction

Type of carriage:
See selection aid

Options:

P: Pre-load
Floating bearing:
LLY: y-direction
LLZ: z-direction
LLYZ: yz-direction

Guide rail – dimensions [mm]

Part No.	L	A	C	C1	C2	C5	C6	h	h1	K1 ⁷³⁾	ly	lz	Weight
	Max.					Min.	Max.				[mm ²]	[mm ²]	[g/m]
NS-01-40-□ ⁷²⁾	3,000	40	60	20	49.5	20	49.5	8.7	1.3	Ø4.5	26,400	970	450
NS-01-40-UNGEBOHRT-□ ⁷²⁾	3,000	40	–	–	–	–	–	8.7	1.3	–	26,400	970	450
NS-01-40-AR-□ ⁷²⁾	3,000	40	60	20	49.5	20	49.5	8.7	1.3	Ø4.5	26,400	970	450

Guide carriage – dimensions [mm]

Part No.	H	A	C	C1	C2	H2	K ⁷³⁾	K3 ⁷⁴⁾	Sp	Dp ¹⁵⁹⁾	Weight
	±0.35										[g]
NW-01-40	9.5	23.0	50	40	20	1.3	Ø4.5	–	–	–	30.0
NW-01-40-P	9.5	23.0	50	40	20	1.3	Ø4.5	–	–	–	30.0
NW-11-40	9.5	23.0	52	40	20	1.3	Ø4.5	–	–	–	30.0
NW-02-40	9.5	23.0	50	40	20	–	–	M4	5.0	6.5	30.0
NW-02-40-P	9.5	23.0	50	40	20	–	–	M4	5.0	6.5	30.0
NW-12-40	9.5	23.0	52	40	20	–	–	M4	5.0	6.5	30.0

⁷²⁾ Please give the required length in mm, symmetrical standard hole pattern C5=C6

⁷³⁾ For cap screw with low head (e.g. DIN 7984, DIN 6912, DIN 84, EN ISO 1707)

⁷⁴⁾ Metal thread

¹⁵⁹⁾ Hole min. Ø

All elements can be ordered individually or as assembled systems

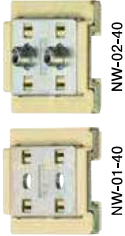
NS-01-40-1500: Guide rail, installation size 40, 1,500mm length

NW-02-40-P-LLY: Guide carriage with threaded pin, installation size 40, pre-load, floating bearing in y-direction

NK-02-40-02-500-LLY: Complete system with two clipped-on guide carriages with threaded pins, installation size 40, floating bearing in y-direction and 500mm guide rails with standard holes



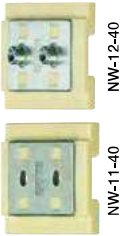
Anti-reflect



NW-01-40



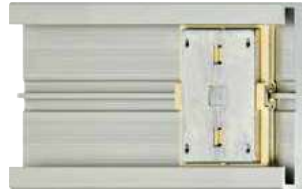
NW-02-40-P



NW-11-40

Selection aid – guide carriage

Part No.	Single	Double	Through hole	Threaded pin	Threaded hole	Pre-load	Solid plastic	Clipped-on	Over-moulded	High temp.
NW-01-40	●	●	●	●	●	●	●	●	●	●
NW-01-40-P	●	●	●	●	●	●	●	●	●	●
NW-11-40	●	●	●	●	●	●	●	●	●	●
NW-02-40	●	●	●	●	●	●	●	●	●	●
NW-02-40-P	●	●	●	●	●	●	●	●	●	●
NW-12-40	●	●	●	●	●	●	●	●	●	●



Complete system



Order key

Type	Size	Options
NW - 02 - 80 - LLY		
drylin® N	Guide carriages	Options:
Type of carriage	Y-direction	Type of carriage: See selection aid
Rail width	Floating bearing in	Floating bearing: LLY: y-direction LLZ: z-direction LLYZ: yz-direction

Guide rail (standard/without holes/AR anti-reflect) – Dimensions [mm]

Part No.	L		a	C4	A3	C5 C6		h	h1	K1 ⁷³⁾	ly	lz	Weight
	Max.					Min.	Max.						
NS-01-80-□ ⁷²⁾	4,000	80	150	40	25	99,5	11	1,5	Ø4,5	27,120	2,900	1,140	
NS-01-80-UNGEBOHRT-□ ⁷²⁾	4,000	80	–	–	–	–	–	11	1,5	–	27,120	2,900	1,140
NS-01-80-AR-□ ⁷²⁾	4,000	80	150	40	25	99,5	11	1,5	Ø4,5	27,120	2,900	1,140	

Guide carriage – dimensions [mm]

Part No.	H	A	C	C1	C2	A2	K4 ⁷⁴⁾	Weight
	±0,35							[g]
NW-02-80	12,0	57,0	80	68	56	45	M4	100,0
NW-12-80	12,0	57,0	83	68	56	45	M4	146,3

⁷²⁾ Please give the required length in mm, symmetrical standard hole pattern C5=C6

⁷³⁾ For cap screw with low head (e.g. DIN 7984, DIN 6912, DIN 84, EN ISO 1707)

⁷⁴⁾ Metal thread



All elements can be ordered individually or as assembled systems

NS-01-80-1500: Guide rail, size 80, 1,500mm length

NW-02-80-LLY: Guide carriage, clip-on, installation size 80, floating bearing in y-direction,

NK-02-80-02-500-LLY: Complete system with two clipped-on guide carriages with threaded pins, installation size 80, floating bearing in y-direction and 500mm guide rails with standard holes

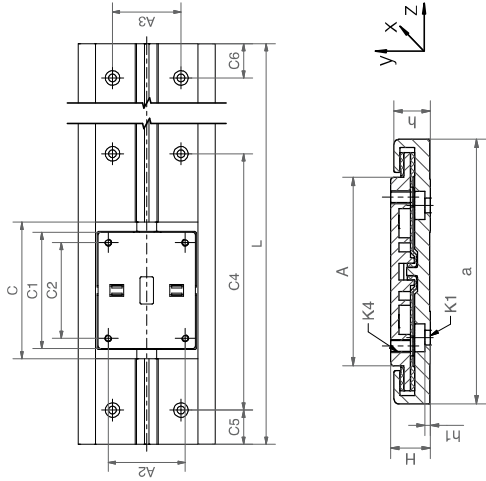


Without holes



NW-12-80

NW-02-80

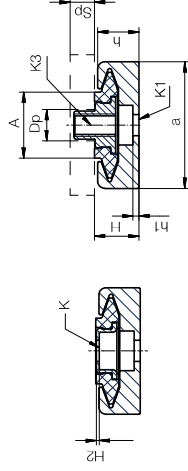
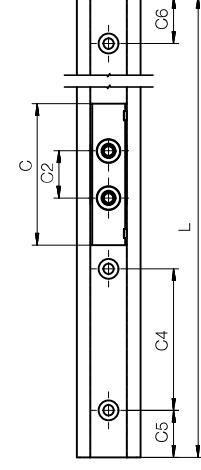


Selection aid – guide carriage

Part No.	Single	Double	Through hole	Threaded pin	Threaded hole	Pre-load	Solid plastic	Clipped-on	Over-moulded	High temp.
NW-02-80	●				●			●		
NW-12-80	●				●			●		


Order key

Type	Installation size	Options
NWV - 21 - 27 - 35 - P05		
Pre-load prism slide	Type of carriage	Rail width
	Carriage length	Pre-load



Guide carriage – dimensions [mm]

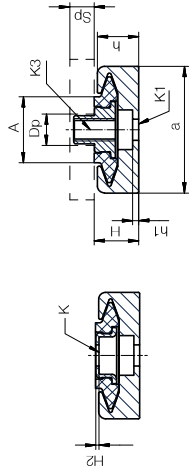
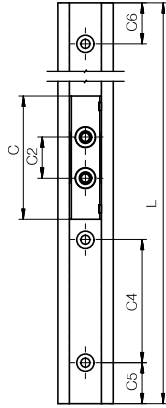
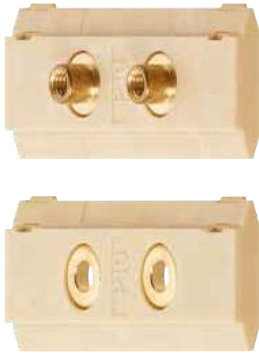
Part No.	Pre-load	H	A	C	C2	H2	K	K3	M ⁽⁷⁾	SP Min.	Dp ⁽⁵⁰⁾	Weight
	[N]	±0.35							[Nmm]			[g]
NWV-21-27-35-P05	5	9.5	14	35	20	0.7	Ø4.5	-	-	-	-	6
NWV-21-27-35-P11	11	9.5	14	35	20	0.7	Ø4.5	-	-	-	-	6
NWV-21-27-35-P23	23	9.5	14	35	20	0.7	Ø4.5	-	-	-	-	6
NWV-21-27-35-P38	38	9.5	14	35	20	0.7	Ø4.5	-	-	-	-	6
NWV-22-27-35-P05	5	9.5	14	35	20	-	-	M4	1.2	5	5	11
NWV-22-27-35-P11	11	9.5	14	35	20	-	-	M4	1.2	5	5	11
NWV-22-27-35-P23	23	9.5	14	35	20	-	-	M4	1.2	5	5	11
NWV-22-27-35-P38	38	9.5	14	35	20	-	-	M4	1.2	5	5	11

⁷⁵⁾ Max. screw tightening torque
¹⁵⁹⁾ Hole min. Ø



Order key

Type	Installation size	Options
NWV - 21 - 27 - 60 - P10	Pre-load prism slide	Pre-load
	Type of carriage	Carriage length
	Rail width	



Guide carriage – dimensions [mm]

Part No.	Pre-load	H	A	C	C2	H2	K	K3	M ⁽⁷⁵⁾	SP	Dp ⁽⁵⁹⁾	Weight
	[N]	±0,35							[Nm]	Min.		[g]
NWV-21-27-60-P10	1,0	9,5	14	60	20	0,7	Ø4,5	-	-	-	-	10
NWV-21-27-60-P22	2,2	9,5	14	60	20	0,7	Ø4,5	-	-	-	-	10
NWV-21-27-60-P46	4,6	9,5	14	60	20	0,7	Ø4,5	-	-	-	-	10
NWV-21-27-60-P76	7,6	9,5	14	60	20	0,7	Ø4,5	-	-	-	-	10
NWV-22-27-60-P10	1,0	9,5	14	60	20	-	-	M4	1,2	5	6,5	13
NWV-22-27-60-P22	2,2	9,5	14	60	20	-	-	M4	1,2	5	6,5	13
NWV-22-27-60-P46	4,6	9,5	14	60	20	-	-	M4	1,2	5	6,5	13
NWV-22-27-60-P76	7,6	9,5	14	60	20	-	-	M4	1,2	5	6,5	13

⁷⁵⁾ Max. screw tightening torque

¹⁵⁹⁾ Hole min. Ø

Standard carriages



Part No.	Average displacement force	[N]
NWV-21/22-27-35 P05	1,0	
NWV-21/22-27-35 P11	2,2	
NWV-21/22-27-35 P23	4,6	
NWV-21/22-27-35 P38	7,6	
Part No.	Guaranteed holding force	[N]
NWV-21/22-27-35 P05	0,5	
NWV-21/22-27-35 P11	1,1	
NWV-21/22-27-35 P23	2,3	
NWV-21/22-27-35 P38	3,8	

Long carriages



Part No.	Average displacement force	[N]
NWV-21/22-27-60-P10	2,0	
NWV-21/22-27-60-P22	4,4	
NWV-21/22-27-60-P46	9,2	
NWV-21/22-27-60-P76	15,2	
Part No.	Guaranteed holding force	[N]
NWV-21/22-27-60-P10	1,3	
NWV-21/22-27-60-P22	4,2	
NWV-21/22-27-60-P46	6,2	
NWV-21/22-27-60-P76	11,7	



Note:

The average displacement force values apply to unloaded carriages at centric drive. The real displacement forces depend to a large extent on the displacement speed. At creep movement (few mm/min), the values are slightly over the guaranteed holding force. At higher displacement forces, the values can considerably exceed the average displacement force. The values do not apply for applications in which dirt and moisture ingress into the system.

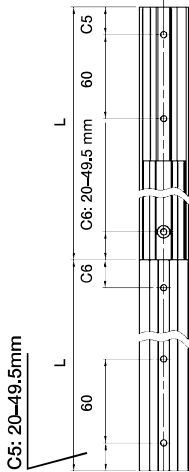
- Robust plastic/aluminium version
- Lightweight
- Cost-effective
- Corrosion-free
- Continuous lengths up to 1,200mm (total extension)



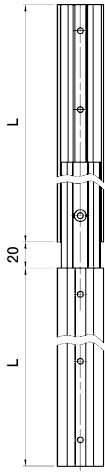
Order key

Type	Size	Option
drylin® N	N T - 35 - 300	
Telescopic system		
Length [mm]		
Rail width		

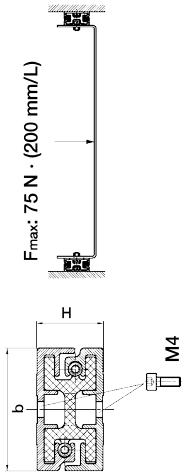
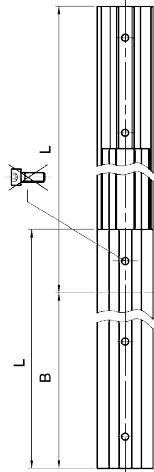
NT-35-"L" – Total extension



NT-35-"L"-"L"+20" – Over extension



NT-35-"L"-"B" – Partial extension



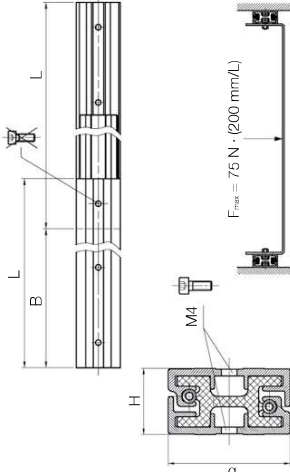
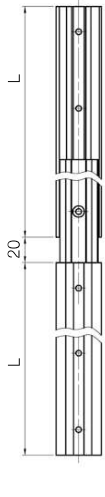
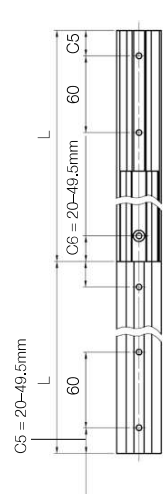
Dimensions [mm]

Part No.	b	H	L min.	L max.
NT-35-... mm	35	19	100	600



Order key

Type	Size	Option
drylin® N	N T - LM - 35 - 300	
Telescopic system		
Locking mechanism		
Rail width		
Length [mm]		



drylin® NT LM in adjustment of Perspex guard



drylin® NT LM in guard door adjustment in a machine tool

drylin® detent in end and centre position at full extension – dimensions [mm]

Part No.	b	H	Lmin	Lmax.
NT-LM-35-...mm	35	19	140	600

Individual position detent upon request; The length divided by the locking distance must be an even number.
e.g. Length 250mm, latching in 62.5mm step: $250/62.5 = 4$



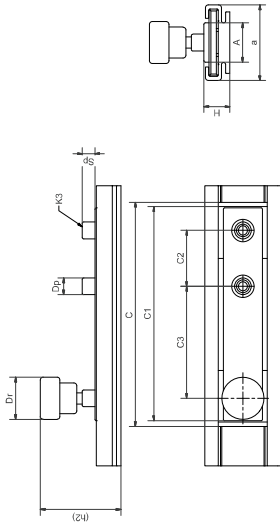
Order example:

NT-LM-35-300: drylin® N telescopic rail with locking mechanism, 35mm width, retracted length 300mm



Order key

Type	Size	Version
NW - 02 - 27 - 80 - HKA		
drylin® N		Guide carriages
Type of carriage		Rail width
Carriage length		Manual clamp



Dimensions [mm]

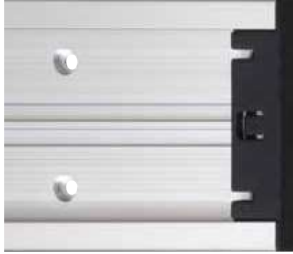
Part No.	H	h2	A	a	C	C1	C2	C3	K3	M	Sp	Dp	Dr	Weight [g]
NW-12-27-80-HKA	9,5	32	14	27	80	76	20	40	M4	1,2	5	6,5	15	32

M: Permissible torque of the complete system



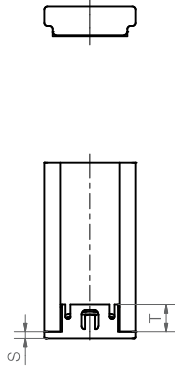
Order example:

NW-12-27-80-HKA: Manual clamp for NW-12-27-80 carriage



Order key

Type	Size
N S K B - 40	
drylin® N -	
End cap	
Push-fit	
Rail width	



Dimensions [mm]

Part No.	S	T	For rail
NSKB-17	1,5	7	NS-01-17
NSKB-27	2,0	8	NS-01-27
NSK-40	1,5	8	NS-01-40
NSKB-80	2,0	17	NS-01-80



Order example:

NSK-40: End caps for guide rail size 40, bolted

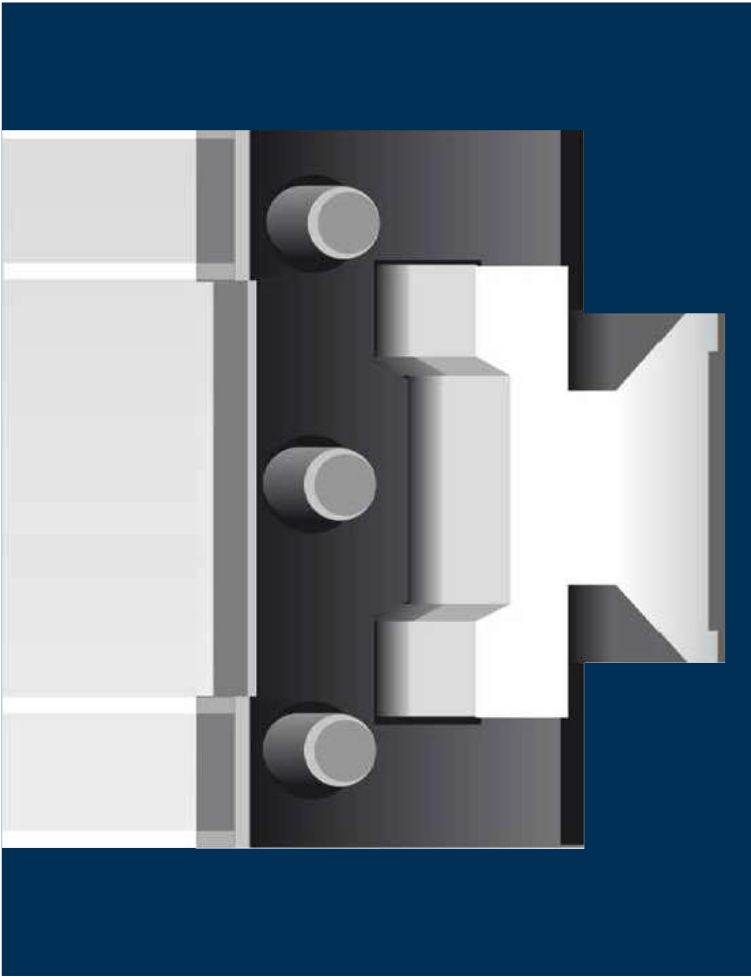


Easily assembled and disassembled by hand using a screwdriver. Part No.: NSKB

End caps for rail size 40, screwed
Part No.: NSK-40

drylin® N replacement plastic sliders (set)
Material iglidur® J

Carriage type	Part No.
	Sliding part set
NW-01/02-27	NEK-01-27
NW-01/02-27P	NEK-01-27-P
NW-01/02-27-LLY	NEK-01-27-LLY
NW-01/02-27-LLZ	NEK-01-27-LLZ
NW-01/02-40	NEK-02-40
NW-01/02-40P	NEK-01-40-P
NW-01/02-40-LLY	NEK-02-40-LLY
NW-01/02-40-LLZ	NEK-02-40-LLZ
NW-02-80	NEK-02-80
NW-02-80-LLY	NEK-02-80-LLY
NW-02-80-LLZ	NEK-02-80-LLZ



drylin® linear technology – drylin® T rail guides

Robust linear guides

Adjustable bearing clearance

Wear-resistant and durable

Dimensionally identical to recirculating
ball-bearing guides

Lubrication and maintenance-free

