

Narrow and low design (S2/S3): The pneumatic Clamping Element LKP/LKPS

The LKP/LKPS series is set apart by the narrow and low design to DIN645-1 and the high holding forces.

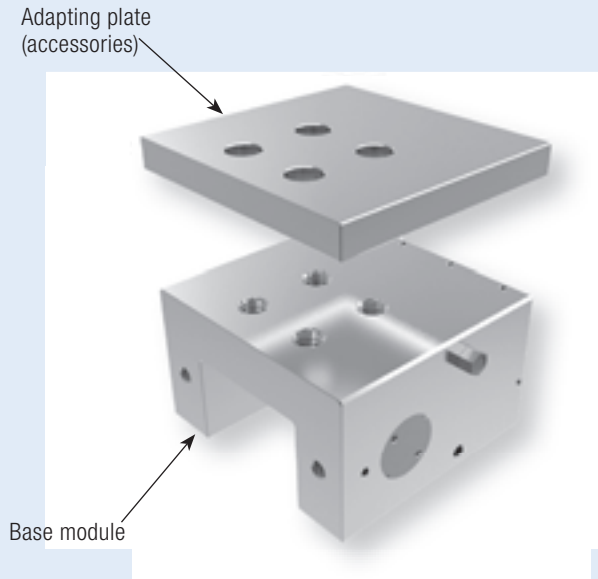
The LKP/LKPS series is a low-cost clamping element available for rail sizes 15–55.

The LKP is an element that closes under pneumatic pressure.

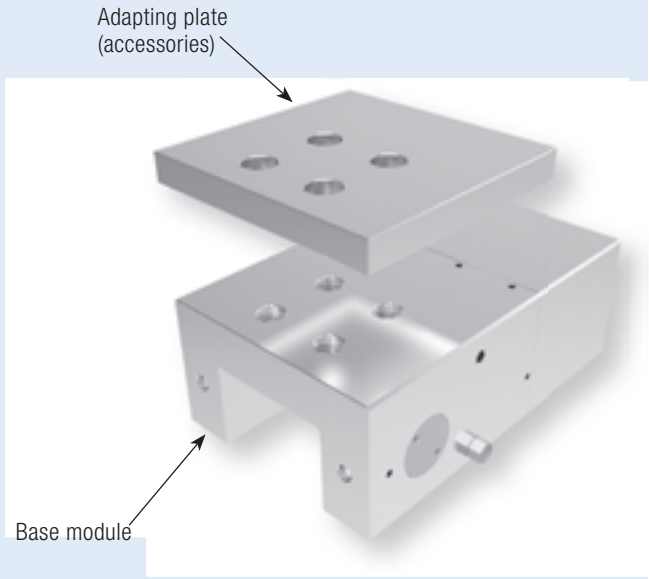
At a pneumatic operating pressure of 6 bar, a retention force of up to 5,400 N is achieved.

The LKPS is closed by a spring-loaded energy storage and opened under the impact of air. At a pneumatic opening pressure of 5.5 bar, a retention force of up to 3,600 N is achieved.

LKP series



LKPS series



Technical data for LKP series:

Rail size	15–55
Holding forces	350 N–2,250 N
Min. pressure	6 bar
Max. pressure	8 bar
Spring-loaded energy storage	-
PLUS connection	-
Clamping cycles	5 mil. (B10d-value)
Braking cycles	unsuitable

Application scenarios for LKP:

- Clamping of machine tables
- Positioning of axes
- Fixing of vertical axes in neutral position

Connection options for LKP/LKPS:

The LKP/LKPS series have air connections on both sides as part of their standard equipment. This means that the air connection and the air-release filter can be moved over to the opposite side.

Technical data for LKPS series:

Rail size	15–55
Holding forces	250 N - 1,450 N
Min. pressure	5.5 bar
Max. pressure	8 bar
Spring-loaded energy storage	√
PLUS connection	-
Clamping cycles	5 mil. (B10d-value)
Braking cycles	unsuitable

Application scenarios for LKPS:

- Clamping in case of pressure drop
- Clamping without energy requirement

Adapting plate accessory for LKP/LKPS:

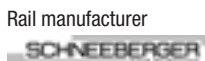
Depending on the height of the carriage (measure D), an additional adapting plate is required (see table from page 56).



Type of rail	Size	Type of carriage	Item number	Adapting plate (for height compensation)	Measure D [mm]*	Measure D [mm]* (page 61)
SR, SSR	15	SR..W, SR..WM, SR..V, SR..VM, SSR..XW, SSR..XWM, SSR..XV, SSR..XVM	LKP/LKPS 1501 AS2		24	1
	20	SR..W, SR..WM, SR..V, SR..VM, SSR..XW, SSR..XWM, SSR..XV, SSR..XVM	LKP/LKPS 2001 AS2		28	3
	25	SR..W, SR..WM, SR..V, SR..VM, SSR..XW, SSR..XWM, SSR..XV, SSR..XVM	LKP/LKPS 2501 AS2		33	5
	30	SR..W, SR..WM, SR..V, SR..VM, SSR..XW, SSR..XWM	⊙		42	⊙
	35	SR..W, SR..WM, SR..V, SR..VM, SSR..XW	⊙		48	⊙
	45	SR..W	⊙		60	⊙
55	SR..W	⊙		68	⊙	
HSR	15	HSR..R, HSR..RM, HSR..YR, HSR..YRM	LKP/LKPS 1501 AS2	PLK 15-4	28	1
	20	HSR..R, HSR..RM, HSR..LR, HSR..LRM, HSR..R, HSR..YR, HSR..YRM	LKP/LKPS 2001 AS2		30	2
	25	HSR..R, HSR..RM, HSR..LR, HSR..LRM, HSR..R, HSR..YR, HSR..YRM	LKP/LKPS 2501 AS2	PLK 25-4	40	4
	30	HSR..R, HSR..RM, HSR..LR, HSR..LRM, HSR..R, HSR..YR, HSR..YRM	⊙		45	⊙
	35	HSR..R, HSR..RM, HSR..LR, HSR..LRM, HSR..R, HSR..YR, HSR..YRM	⊙		55	⊙
	45	HSR..R, HSR..LR, HSR..YR	⊙		70	⊙
55	HSR..R, HSR..LR, HSR..YR	⊙		80	⊙	
SHS	15	SHS..V, SHS..LV SHS..R	LKP/LKPS 1501 AS2 LKP/LKPS 1501 AS2	PLK 15-4	24 28	1
	20	SHS..V, SHS..LV	LKP/LKPS 2001 AS2		30	3
	25	SHS..V, SHS..LV SHS..R, SHS..LR	LKP/LKPS 2501 AS2 LKP/LKPS 2501 AS2	PLK 25-2 PLK 25-6	36 40	6
	30	SHS..V, SHS..LV SHS..R, SHS..LR	⊙ ⊙		42 45	⊙
	35	SHS..V, SHS..LV SHS..R, SHS..LR	⊙ ⊙		48 55	⊙
	45	SHS..V, SHS..LV SHS..R, SHS..LR	⊙ ⊙		60 70	⊙
	55	SHS..V, SHS..LV SHS..R, SHS..LR	⊙ ⊙		70 80	⊙
	SRG	15	SRG..V	LKP/LKPS 1501 AS2		24
20		SRG..V, SRG..LV	LKP/LKPS 2001 AS2		30	2
25		SRG..R, SRG..LR	LKP/LKPS 2501 AS2		40	4
30		SRG..R, SRG..LR	⊙		45	⊙
35		SRG..R, SRG..LR	⊙		55	⊙
45		SRG..R, SRG..LR	⊙		70	⊙
55	SRG..R, SRG..LR	⊙		80	⊙	



R1605, R1607, R1645, R1647 R2045, R2047	15	R1622, R1623, R1632, R1662, R1666, R2011 R1621	LKP/LKPS 1505 AS2 LKP/LKPS 1505 AS2	PLK 15-4	24 28	1
	20	R1622, R1623, R1632, R1662, R1666, R2011	LKP/LKPS 2005 AS2		30	2
	25	R1622, R1623, R1632, R1662, R1666, R2011 R1621, R1624	LKP/LKPS 2505 AS2 LKP/LKPS 2505 AS2	PLK 25-4	36 40	4
	30	R1622, R1623, R1632, R1662, R1666, R2011 R1621, R1624	⊙ ⊙		42 45	⊙
	35	R1622, R1623, R1632, R1662, R1666, R2011 R1621, R1624	⊙ ⊙		48 55	⊙
	45	R1622, R1623, R1621, R1624	⊙ ⊙		60 70	⊙
	55	R1622, R1623, R1621, R1624	⊙ ⊙		70 80	⊙
	R1805, R1806, R1807	25	R1821, R1824	LKP/LKPS 2505 BS2	PLK 25-4	40
35		R1821, R1824	⊙		55	⊙
45		R1821, R1824	⊙		70	⊙
55		R1821, R1824	⊙		80	⊙



MRS	25	MRW..C, MRW..D, MRW..E	LKP/LKPS 2501 AS2	PLK 25-4	40	4
	35	MRW..C, MRW..D, MRW..E	⊙		55	⊙
	45	MRW..C, MRW..D	⊙		70	⊙
	55	MRW..C, MRW..D	⊙		80	⊙

*1 Supplements the measure table and datasheet

See page 11 for part number explanation

Type of rail	Size		Item number	[for height compensation]	Measure D [mm] ^{*1}	[page 61]
LWH	15	LWHS..B, LWHS..SL, LWHS..M	LKP/LKPS 1501 AS2		24	1
		LWHD..B, LWHD..M, LWHY	LKP/LKPS 1501 AS2	PLK 15-4	28	
	20	LWHS..B, LWHS..SL, LWHS..M, LWHSG, LWHY	LKP/LKPS 2001 AS2		30	2
		LWHD..B, LWHD..M, LWHDG, LWHY	LKP/LKPS 2501 AS2		36	4
	25	LWHS..B, LWHS..SL, LWHS..M, LWHSG	LKP/LKPS 2501 AS2		40	
		LWHD..B, LWHD..M, LWHDG, LWHY	LKP/LKPS 2501 AS2	PLK 25-4	42	⊗
	30	LWHS..B, LWHS..SL, LWHS..M, LWHSG	⊗		45	⊗
		LWHD..B, LWHD..M, LWHDG, LWHY	⊗		55	⊗
	35	LWHD..B, LWHD..M, LWHDG, LWHY	⊗		70	⊗
LWHD..B, LWHD..M, LWHDG, LWHY		⊗		80	⊗	
MH	15	MHS	LKP/LKPS 1501 AS2		24	1
		MHD	LKP/LKPS 1501 AS2	PLK 15-4	28	
	20	MHS, MHSG	LKP/LKPS 2001 AS2		30	2
		MHS, MHSG	LKP/LKPS 2501 AS2		36	4
	25	MHD, MHDG	LKP/LKPS 2501 AS2	PLK 25-4	40	
		MHS, MHSG	⊗		42	⊗
	30	MHD, MHDG	⊗		45	⊗
		MHD, MHDG	⊗		55	⊗
	35	MHD, MHDG	⊗		70	⊗
MHD, MHDG		⊗		80	⊗	
LRX	15	LRXSC, LRXS, LRXSG	LKP/LKPS 1501 AS2		24	1
		LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	LKP/LKPS 1501 AS2	PLK 15-4	28	
	20	LRXSC, LRXS, LRXSG	⊗		30	⊗
		LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	⊗		34	⊗
	25	LRXSC, LRXS, LRXSG	LKP/LKPS 2501 AS2		36	4
		LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	LKP/LKPS 2501 AS2	PLK 25-4	40	
	30	LRXSC, LRXS, LRXSG	⊗		42	⊗
		LRXDC, LRXDC..SL, LRXD, LRXD..SL, LRXDG, LRXDG..SL	⊗		45	⊗
	35	LRXDC, LRXD, LRXDG	⊗		55	⊗
LRXDC, LRXD, LRXDG		⊗		70	⊗	
55	LRXDC, LRXD, LRXDG	⊗		80	⊗	
	MX	15	MXSC, MXS, MXSG	LKP/LKPS 1501 AS2		24
MXDC, MXD, MXDG			LKP/LKPS 1501 AS2	PLK 15-4	28	
20		MXSC, MXS, MXSG, MXSL	⊗		30	⊗
		MXDC, MXD, MXDG, MXDL	⊗		34	⊗
25		MXSC, MXS, MXSG, MXSL	LKP/LKPS 2501 AS2		36	4
		MXDC, MXD, MXDG, MXDL	LKP/LKPS 2501 AS2	PLK 25-4	40	
30		MXSC, MXS, MXSG, MXSL	⊗		42	⊗
		MXDC, MXD, MXDG, MXDL	⊗		45	⊗
35		MXNS, MXNSG	⊗		44	⊗
	MXNS, MXNSG	⊗		52	⊗	
55	MXNS, MXNSG	⊗		63	⊗	
	LWE	15	LWES..Q, LWESC, LWESC..SL, LWES, LWES..SL, LWESG, LWESG..SL	LKP/LKPS 1501 AS2		24
20		LWES..Q, LWESC, LWESC..SL, LWES, LWES..SL, LWESG, LWESG..SL	LKP/LKPS 2001 AS2		28	3
25		LWES..Q, LWESC, LWESC..SL, LWES, LWES..SL, LWESG, LWESG..SL	LKP/LKPS 2501 AS2		33	5
30		LWES..Q, LWESC, LWESC..SL, LWES, LWES..SL, LWESG, LWESG..SL	⊗		42	⊗
35		LWES..Q, LWESC, LWES	⊗		48	⊗
45	LWES	⊗		60	⊗	
ME	15	MESC, MESC..SL, MES, MES..SL, MESG, MESG..SL, MHS	LKP/LKPS 1501 AS2		24	1
		MHD	LKP/LKPS 1501 AS2	PLK 15-4	28	
	20	MESC, MESC..SL, MES, MES..SL, MESG, MESG..SL	LKP/LKPS 2001 AS2		28	3
		MHS, MHSG	LKP/LKPS 2001 AS2	PLK 20-2	30	
	25	MESC, MESC..SL, MES, MES..SL, MESG, MESG..SL	LKP/LKPS 2501 AS2		33	5
		MHS, MHSG	LKP/LKPS 2501 AS2	PLK 25-2	36	6
	30	MHD, MHDG	LKP/LKPS 2501 AS2	PLK 25-6	40	
		MESC, MESC..SL, MES, MES..SL, MESG, MESG..SL, MHS, MHSG	⊗		42	⊗
	35	MHD, MHDG	⊗		45	⊗
		MESC, MES	⊗		48	⊗
	45	MHD, MHDG	⊗		55	⊗
		MES	⊗		60	⊗
		MHD, MHDG	⊗		70	⊗

Rail manufacturer
IKO

LKP / LKPS

*1 Supplements the measure table and datasheet

See page 11 for part number explanation

Rail manufacturer



Type of rail	Size	Type of carriage	Item number	Adapting plate (for height compensation)	Measure D [mm]	Measure D [mm] ^{*1} (page 61)
(KUE)	15	KWE...-H	⊗		28	⊗
	20	KWE...-H	LKP/LKPS 2001 AS2		30	2
	25	KWE...-H	LKP/LKPS 2501 AS2	PLK 25-6	40	6
	30	KWE...-H	⊗		45	⊗
	35	KWE...-H	⊗		55	⊗
TKVD (KUVE)	15	KWVE...-B-ESC, KWVE...-B-S	⊗		24	⊗
		KWVE...-B-H	⊗		28	⊗
	20	KWVE...-B-S, KWVE...-B-SL, KWVE...-B-H	⊗		30	⊗
		KWVE...-B-SN, KWVE...-B-SNL	⊗		27	⊗
		KWVE...-B-ESC	⊗		28	⊗
	25	KWVE...-B-S, KWVE...-B-SL, KWVE...-B-S-HS	⊗		36	⊗
		KWVE...-B-ESC	⊗		33	⊗
	30	KWVE...-B-H, KWVE...-B-HL, KWVE...-B-H-HS	⊗		40	⊗
		KWVE...-B-ESC, KWVE...-B-S, KWVE...-B-SL	⊗		42	⊗
		KWVE...-B-SN, KWVE...-B-SNL	⊗		38	⊗
		KWVE...-B-H, KWVE...-B-HL	⊗		45	⊗
	35	KWVE...-B-ESC, KWVE...-B-S, KWVE...-B-SL	⊗		48	⊗
		KWVE...-B-SN, KWVE...-B-SNL	⊗		44	⊗
		KWVE...-B-H, KWVE...-B-HL	⊗		55	⊗
	45	KWVE...-B-ESC, KWVE...-B-S, KWVE...-B-SL	⊗		60	⊗
		KWVE...-B-SN, KWVE...-B-SNL	⊗		52	⊗
		KWVE...-B-H, KWVE...-B-HL	⊗		70	⊗
KWVE...-B-S, KWVE...-B-SL		⊗		70	⊗	
TKSD (KUSE)	20	KWSE...-H, KWSE...-HL	LKP/LKPS 2001 AS2		30	2
	25	KWSE...-H, KWSE...-HL	LKP/LKPS 2501 AS2		36	4
	30	KWSE...-H, KWSE...-HL	⊗		42	⊗

Rail manufacturer



LH	15	LAH...ANZ, LAH...BNZ	LKP/LKPS 1501 AS2	PLK 15-4	28	1
	20	LAH...ANZ, LAH...BNZ	LKP/LKPS 2001 AS2	PLK 20-2	30	3
	25	LAH...ALZ, LAH...BLZ	LKP/LKPS 2501 AS2		36	6
		LAH...ANZ, LAH...BNZ	LKP/LKPS 2501 AS2	PLK 25-6	40	
	30	LAH...ALZ, LAH...BLZ	⊗		42	⊗
		LAH...ANZ, LAH...BNZ	⊗		45	⊗
	35	LAH...ALZ, LAH...BLZ	⊗		48	⊗
		LAH...ANZ, LAH...BNZ	⊗		55	⊗
45	LAH...ANZ, LAH...BNZ	⊗		70	⊗	
SH	15	SAH...ANZ, SAH...BNZ	LKP/LKPS 1501 AS2	PLK 15-4	28	1
	20	SAH...ANZ, SAH...BNZ	LKP/LKPS 2001 AS2	PLK 20-2	30	3
	25	SAH...ALZ, SAH...BLZ	LKP/LKPS 2501 AS2		36	6
		SAH...ANZ, SAH...BNZ	LKP/LKPS 2501 AS2	PLK 25-6	40	
	30	SAH...ALZ, SAH...BLZ	⊗		42	⊗
		SAH...ANZ, SAH...BNZ	⊗		45	⊗
	35	SAH...ALZ, SAH...BLZ	⊗		48	⊗
	SAH...ANZ, SAH...BNZ	⊗		55	⊗	
LS	15	LAS...CLZ, LAS...ALZ	LKP/LKPS 1501 AS2		24	1
	20	LAS...CLZ, LAS...ALZ	LKP/LKPS 2001 AS2		28	3
	25	LAS...CLZ, LAS...ALZ	LKP/LKPS 2501 AS2		33	5
	30	LAS...CLZ, LAS...ALZ	⊗		42	⊗
	35	LAS...CLZ, LAS...ALZ	⊗		48	⊗
SS	15	SAS...CLZ, SAS...ALZ	LKP/LKPS 1501 AS2		24	1
	20	SAS...CLZ, SAS...ALZ	LKP/LKPS 2001 AS2		28	3
	25	SAS...CLZ, SAS...ALZ	LKP/LKPS 2501 AS2		33	5
	30	SAS...CLZ, SAS...ALZ	⊗		42	⊗
	35	SAS...CLZ, SAS...ALZ	⊗		48	⊗
RA	15	RA...AL, RA...BL	⊗		24	⊗
		RA...AN, RA...BN	⊗		28	⊗
	20	RA...EM, RA...GM, RA...AN, RA...BN	⊗		30	⊗
	25	RA...AL, RA...BL	⊗		36	⊗
		RA...AN, RA...BN	⊗		40	⊗
	30	RA...AL, RA...BL	⊗		42	⊗
		RA...AN, RA...BN	⊗		45	⊗
	35	RA...AL, RA...BL	⊗		48	⊗
		RA...AN, RA...BN	⊗		55	⊗
	45	RA...AL, RA...BL	⊗		60	⊗
		RA...AN, RA...BN	⊗		70	⊗
	55	RA...AL, RA...BL	⊗		70	⊗
		RA...AN, RA...BN	⊗		80	⊗

*1 Supplements the measure table and datasheet

See page 11 for part number explanation

Type of rail	Size	Item number	[for height compensation]	Measure D [mm] *1	[page 61]	
HGR..R, HGR..T	15	HGL..CA, HGH..CA, QHH..CA	LKP/LKPS 1501 AS2		24	1
				PLK 15-4	28	
	20	HGH..CA, HGH..HA, QHH..CA, QHH..HA	LKP/LKPS 2001 AS2		30	3
				PLK 20-2		
	25	HGL..CA, HGL..HA HGH..CA, HGH..HA, QHH..CA, QHH..HA	LKP/LKPS 2501 AS2		36	4
				PLK 25-4	40	
	30	HGL..CA, HGL..HA	Ⓞ		42	Ⓞ
		HGH..CA, HGH..HA, QHH..CA, QHH..HA	Ⓞ		45	Ⓞ
	35	HGL..CA, HGL..HA	Ⓞ		48	Ⓞ
		HGH..CA, HGH..HA, QHH..CA, QHH..HA	Ⓞ		55	Ⓞ
45	HGL..CA, HGL..HA	Ⓞ		60	Ⓞ	
	HGH..CA, HGH..HA, QHH..CA, QHH..HA	Ⓞ		70	Ⓞ	
55	HGL..CA, HGL..HA	Ⓞ		70	Ⓞ	
	HGH..CA, HGH..HA	Ⓞ		80	Ⓞ	
EGR..R, EGR..U, EGR..T	15	EGH...SA, EGH...CA, QEH..SA, QEH..CA	LKP/LKPS 1501 AS2		24	1
	20	EGH...SA, EGH...CA, QEH..SA, QEH..CA	LKP/LKPS 2001 AS2		28	3
	25	EGH...SA, EGH...CA QEH..SA, QEH..CA	Ⓞ		33	Ⓞ
	30	EGH...SA, EGH...CA, QEH..SA, QEH..CA	Ⓞ		42	Ⓞ
	35	EGH...SA, EGH...CA	Ⓞ		48	Ⓞ
RG..T	15	RGH..CA	Ⓞ		28	Ⓞ
	20	RGH..CA, RGH..HA	Ⓞ		34	Ⓞ
	25	RGH..CA, RGH..HA	LKP/LKPS 2501 AS2	PLK 25-4	40	4
	30	RGH..CA, RGH..HA	Ⓞ		45	Ⓞ
	35	RGH..CA, RGH..HA	Ⓞ		55	Ⓞ
	45	RGH..CA, RGH..HA	Ⓞ		70	Ⓞ
	55	RGH..CA, RGH..HA	Ⓞ		80	Ⓞ

Rail manufacturer
HIWIN
Lineartechnologie

LKP / LKPS

BG	15	BGCS..BS, BGCS..BN, BGCS..BL, BGXS..BS, BGXS..BN, BGXS..BL	LKP/LKPS 1501 AS2		24	1	
		BGCH..BN, BGXH..BN	LKP/LKPS 1501 AS2	PLK 15-4	28		
	20	BGCS..BS, BGCS..BN, BGXS..BS, BGXS..BN	LKP/LKPS 2001 AS2		28	3	
		BGCH..BN, BGCH..BL, BGXH..BN, BGXH..BL	LKP/LKPS 2001 AS2	PLK 20-2	30		
	25	BGCS..BS, BGCS..BN, BGXS..BS, BGXS..BN	LKP/LKPS 2501 AS2		33	5	
		BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BN, BGCS..BL, BGCS..BE, BGXS..BN, BGXS..BL, BGXS..BE	LKP/LKPS 2501 AS2	PLK 25-2	36	6	
	30	BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	LKP/LKPS 2501 AS2	PLK 25-6	40		
		BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BS, BGCS..BN, BGCS..BL, BGCS..BE, BGXS..BS, BGXS..BN, BGXS..BL, BGXS..BE	Ⓞ		42	Ⓞ	
	35	BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	Ⓞ		45	Ⓞ	
		BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BS, BGCS..BN, BGCS..BL, BGCS..BE, BGXS..BS, BGXS..BN, BGXS..BL, BGXS..BE	Ⓞ		48	Ⓞ	
	45	BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	Ⓞ		55	Ⓞ	
		BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BN, BGCS..BL, BGCS..BE, BGXS..BN, BGXS..BL, BGXS..BE	Ⓞ		60	Ⓞ	
	55	BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	Ⓞ		70	Ⓞ	
		BGCH..FN, BGCH..FL, BGCH..FE, BGCS..BN, BGCS..BL, BGCS..BE, BGXS..BN, BGXS..BL, BGXS..BE	Ⓞ		70	Ⓞ	
			BGCH..BN, BGCH..BL, BGCH..BE, BGXH..BN, BGXH..BL, BGXH..BE	Ⓞ		80	Ⓞ

Rail manufacturer
NTN **SNR**

*1 Supplements the measure table and datasheet

See page 11 for part number explanation

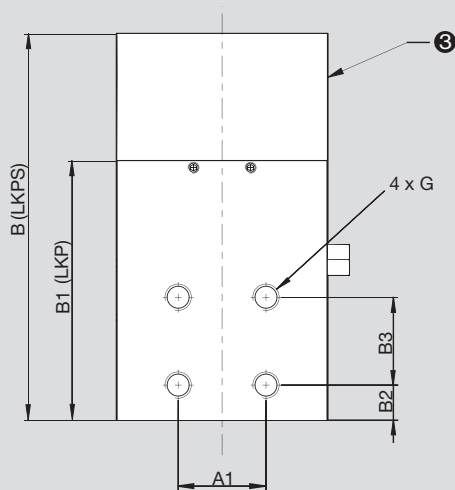
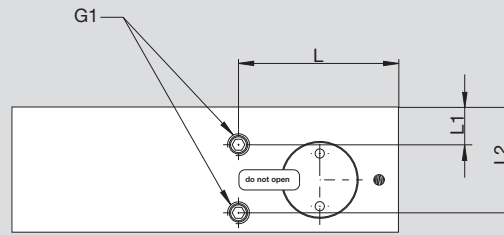
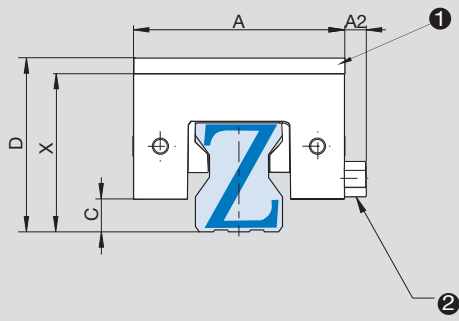
Rail manufacturer



Type of rail	Size	Type of carriage	Item number	Adapting plate (for height compensation)	Measure D [mm] ^{*1}	Measure table (page 61)
LLTH, LLTH..D4, LLTH..D6	15	LLTHC..SU, LLTHC..U	LKP/LKPS 1501 AS2		24	1
		LLTHC..R	LKP/LKPS 1501 AS2	PLK 15-4	28	
	20	LLTHC..SU, LLTHC..U, LLTHC..LR	LKP/LKPS 2001 AS2		30	3
		LLTHC..R, LLTHC..LR	LKP/LKPS 2501 AS2	PLK 25-4	40	4
	30	LLTHC..SU, LLTHC..U,	⊗		42	⊗
		LLTHC..R, LLTHC..LR	⊗		45	⊗
	35	LLTHC..SU, LLTHC..U,	⊗		48	⊗
		LLTHC..R, LLTHC..LR	⊗		55	⊗
	45	LLTHC..U,	⊗		60	⊗
		LLTHC..R, LLTHC..LR	⊗		70	⊗

*1 Supplements the measure table and datasheet

See page 11 for part number explanation



Note: Consider measurement C/Interfering contour!

Air connections are located on both sides and can be exchanged according to mounting requirements. Only one connection is necessary for function.

- ① Adapting plate PLK (accessory)
- ② Air filter
- ③ The attachment spring unit on the LKPS is not applicable on the LKP.

	Holding power [N] Lkp	Holding power [N] LKPS	A [mm]	A1 [mm]	A2 [mm]	B [mm]	B1 [mm]	B2 [mm]	B3 [mm]	C [mm]	X [mm]	G	G1	L [mm]	L1 [mm]	L2 [mm]
1	550	400	34	15	-	76	49	8,5	15	3,3	24	M4/4,5	M3	31,5	4,5	17
2	850	650	44	20	-	81	52	7	20	5,5	30	M5/5,5	M3	33,5	4,5	20,5
3	850	650	44	20	-	81	52	7	20	3,5	28	M5/5,5	M3	33,5	4,5	20,5
4	1100	750	48	20	5	86	57	8	20	7,5	36	M6/6	M5	35,5	8,5	24
5	1100	750	48	20	5	86	57	8	20	4,5	33	M6/6	M5	35,5	8,5	24
6	1100	750	48	20	5	86	57	8	20	5,5	34	M6/6	M5	35,5	8,5	24