

Rail manufacturer



The Mark of Linear Motion

Type of rail	Size	Type of carriage	Item number	Measure table (page 48 and 49)
HSR	35	HSR..A, HSR..LA, HSR..B, HSR..LB, HSR..CA, HSR..HA, HSR..CB, HSR..HB	TKPS 3501 AS1	1
	45	HSR..A, HSR..LA, HSR..B, HSR..LB, HSR..CA, HSR..HA, HSR..CB, HSR..HB	TKPS 4501 AS1	2
	55	HSR..A, HSR..LA, HSR..B, HSR..LB, HSR..CA, HSR..HA, HSR..CB, HSR..HB	TKPS 5501 AS1	3
NR/NRS	35	NR / NRS..A, NR / NRS..LA, NR / NRS..B, NR / NRS..LB	TKPS 3501 BS1	4
	45	NR / NRS..A, NR / NRS..LA, NR / NRS..B, NR / NRS..LB	TKPS 4501 BS1	5
	55	NR / NRS..A, NR / NRS..LA, NR / NRS..B, NR / NRS..LB	TKPS 5501 BS1	6
SHS	35	SHS..C, SHS..LC	TKPS 3501 CS1	1
	45	SHS..C, SHS..LC	TKPS 4501 CS1	2
	55	SHS..C, SHS..LC	TKPS 5501 CS1	3
SRG	35	SRG..C, SRG..LC	TKPS 3501 ES1	1
	45	SRG..C, SRG..LC	TKPS 4501 ES1	2
	55	SRG..C, SRG..LC	TKPS 5501 ES1	3
SNR/SNS	35	SNR..C, SNR..LC, SNS..C, SNS..LC	TKPS 3501 IS1	4
	45	SNR..C, SNR..LC, SNS..C, SNS..LC	TKPS 4501 IS1	5
	55	SNR..C, SNR..LC, SNS..C, SNS..LC	TKPS 5501 IS1	6

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1605, 1607 1645, 1647	35	1651, 1661, 1665, 1653, 1631,	TKPS 3505 AS1	1
	45	1651, 1653	TKPS 4505 AS1	2
	55	1651, 1653	TKPS 5505 AS1	3
1805 1807	35	1851, 1853,	TKPS 3505 BS1	1
	45	1851, 1853,	TKPS 4505 BS1	2
	55	1851, 1853,	TKPS 5505 BS1	3

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MR	35	MR..A, MR..B	TKPS 3503 AS1	1
	45	MR..A, MR..B	TKPS 4503 AS1	2
	55	MR..A, MR..B	TKPS 5503 AS1	3

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LWH	35	LWH..B, LWH..M, LWHG, LWHT..B, LWHT..M, LWHTG,	TKPS 3510 AS1	7
	45	LWH..B, LWH..M, LWHG, LWHT..B, LWHT..M, LWHTG,	TKPS 4510 AS1	2
	55	LWH..B, LWHG, LWHT..B, LWHTG,	TKPS 5510 AS1	3
LRX	35	LRXC, LRX, LRXG	TKPS 3510 BS1	1
	45	LRXC, LRX, LRXG	TKPS 4510 BS1	2
	55	LRXC, LRX, LRXG	TKPS 5510 BS1	3
LWE	35	LWEC, LWE, LWETC, LWET, LWE..Q, LWET..Q, LWES..Q	TKPS 3510 CS1	1
	45	LWE, LWET	TKPS 4510 CS1	2

See page 13 for part number explanation

Type of rail	Size	Type of carriage	Item number	Measure table (page 48 and 49)
TKSD (KUSE)	35	KWSE, KWSE..-L	TKPS 3502 AS1	1
	45	KWSE, KWSE..-L	TKPS 4502 AS1	2
	55	KWSE, KWSE..-L	TKPS 5502 AS1	3
TKVD (KUVE)	35	KWVE..-B, KWVE..-B-EC, KWVE..-B-L, KWVE..-E, KWVE..-B-KT, KWVE..-B-KT-L	TKPS 3502 BS1	1
	45	KWVE..-B, KWVE..-B-EC, KWVE..-B-L, KWVE..-E, KWVE..-B-KT, KWVE..-B-KT-L	TKPS 4502 BS1	2
	55	KWVE..-B, KWVE..-B-L, KWVE..-B-KT, KWVE..-B-KT-L	⊗	
TSX..D (RUE)	35	RWU..-E, RWU..-E-L, RWU..-E-KT-L	TKPS 3502 DS1	1
	45	RWU..-E, RWU..-E-L, RWU..-E-KT-L	TKPS 4502 DS1	2
	55	RWU..-E, RWU..-E-L, RWU..-E-KT-L	TKPS 5502 DS1	3

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LS	35	LAS..KLZ, LAS..FLZ, LAS..ELZ	TKPS 3504 AS1	1
LH	35	LAH..EMZ, LAH..GMZ	TKPS 3504 BS1	1
	45	LAH..EMZ, LAH..GMZ	TKPS 4504 BS1	2
	55	LAH..EMZ, LAH..GMZ	TKPS 5504 BS1	3
SH	35	SAH..EMZ, SAH..GMZ	TKPS 3504 BS1	1
LY	35	LY..EL, LY..FL, LY..GL, LY..HL	TKPS 3504 CS1	1
	45	LY..EL, LY..FL, LY..GL, LY..HL	TKPS 4504 CS1	2
	55	LY..EL, LY..FL, LY..GL, LY..HL	TKPS 5504 CS1	3
LA			x	
RA	35	RA..AL, RA..BL, RA..EM, RA..GM	TKPS 3504 FS1	1
	45	RA..AL, RA..BL, RA..EM, RA..GM	TKPS 4504 FS1	2
	55	RA..AL, RA..BL, RA..EM, RA..GM	⊗	

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TK

LGR..T LGR..R	35	LGW..CC, LGW..HC	TKPS 3512 BS1	1
	45	LGW..CC, LGW..HC	TKPS 4512 BS1	2
	55	LGW..CC, LGW..HC	TKPS 5512 BS1	3
HGR..T HGR..R	35	HGW..CC, HGW..HC	⊗	
	45	HGW..CC, HGW..HC	⊗	
	55	HGW..CC, HGW..HC	⊗	
RG..T	35	RGW..CC, RGW..HC	⊗	
	45	RGW..CC, RGW..HC	⊗	
	55	RGW..CC, RGW..HC	⊗	

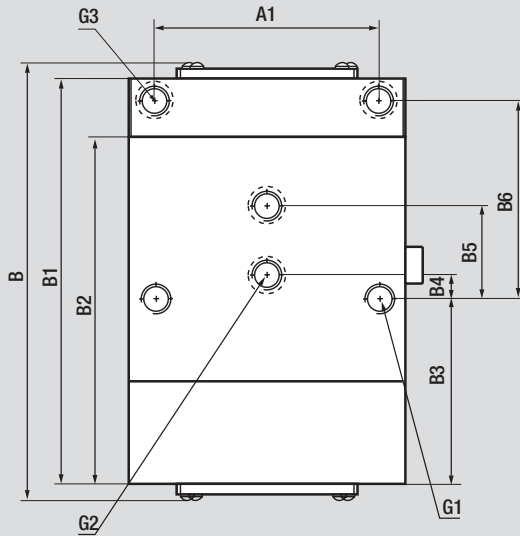
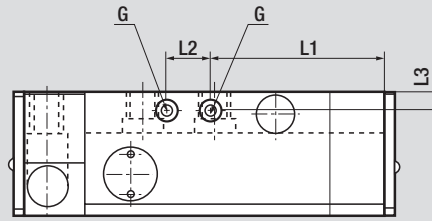
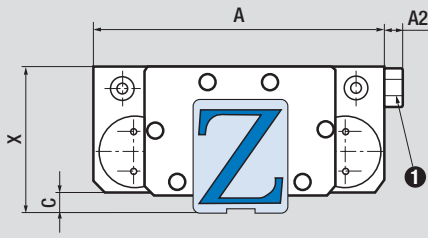
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Lineartechnologie

x: not feasible

See page 13 for part number explanation



Note: Consider measurement C!

Comment:

The air filter is not necessary if the PLUS-connection is being used. Air connections are located on both sides and can be exchanged according to mounting requirements. The air connection can be fitted to the short side. Only one connection is necessary for function.

- G: air connection
- G2: can be unscrewed from underneath with DIN 7984
- G3: can be unscrewed from underneath with DIN EN ISO 4762

1 air filter

Measure table	Holding power [N] TK Standard	Holding power [N] TK PLUS	min. releasing pressure [bar]	Normal liter [dm ³ /Stroke] Standard	Normal liter [dm ³ /stroke] PLUS	A [mm]	A1 [mm]	A2 [mm]	B [mm]	B1 [mm]	B2 [mm]	B3 [mm]
1	2200	3200	5,5	0,15	0,335	100	82	6	max. 186	159	136	88
2	3800	5000	5,5	0,243	0,542	120	100	6	max. 206	177,5	152	88
3	4800	6700	5,5	0,318	1,062	140	116	6	max. 240	207,5	183	100,5
4	2200	3200	5,5	0,15	0,335	100	82	6	max. 178	159	136	88
5	3800	5000	5,5	0,243	0,542	120	100	6	max. 196	177,5	152	88
6	4800	6700	5,5	0,318	1,062	140	116	6	max. 240	207,5	183	100,5
7	2200	3200	5,5	0,15	0,335	100	82	6	max. 175	159	136	88

B4 [mm]	B5 [mm]	B6 [mm]	C [mm]	X [mm]	G	G1 ø/depth	G2 ø/depth	G3 ø/depth	L1 [mm]	L2 [mm]	L3 [mm]
5	31	62	6	48	G1/8"	M10/10	M10/9,5	M10/14	77	28	10
10	40	80	8	60	G1/8"	M12/15	M12/12,4	M12/18	100	18	9
12,5	47,5	95	11	70	G1/8"	M14/12,5	M14/12,5	M14/18	65	70	8,5
0	31	62	7	44	G1/8"	M10/10	M10/10,5	M10/10,5	77	26	9
0	40	80	9	52	G1/8"	M12/10	M12/10,7	M12/12	100	16	8
0	47,5	95	11	63	G1/8"	M14/12	M14/17,5	M14/18	65	70	8,5
0	31	62	11	48	G1/8"	M10/10	M10/10,5	M10/10,5	77	26	9