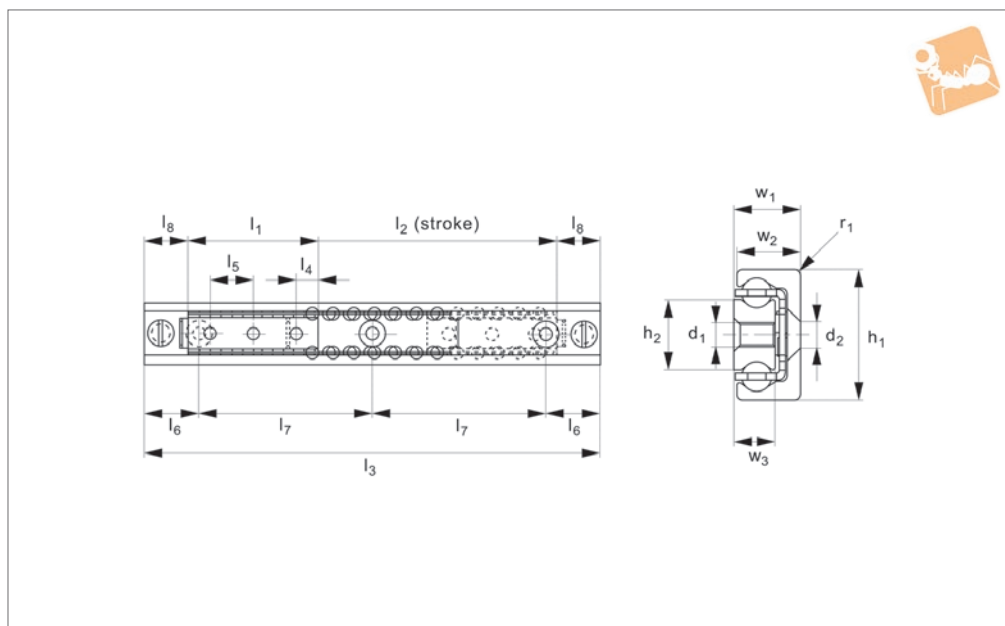




Easy Slide - Size 43

Long Linear Rails



L1972.43

LONG LINEAR RAILS

Material

Cold drawn steel, zinc plated (excluding raceways). Induction hardened raceways. High precision, bearing steel balls with steel cages.

(less than 0,01). Speeds up to 0,8 m/s. To ensure all fixing holes in the rail are accessible l_1 must be $< (l_3 / 2) - (2 \times l_8)$. To ensure proper smooth movement the stroke, l_2 must be $< 7 \times l_1$. Rail weight: 2,6 Kg/m.

Tips

Must be mounted to a rigid structure. Stroke end stops must be fitted. Only to be used for horizontal movements.

Technical Notes

Smooth movement, with very little friction

Order No.	l_1	l_2	l_3	h_1	w_1	d_1	d_2 for	Load C_{0ax} N max.	Load C_{0rad} N max.	M_x Nm	M_y Nm	M_z Nm
L1972.S4313001100290	130	110	290	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313001900370	130	190	370	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313002700450	130	270	450	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313003500530	130	350	530	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313004300610	130	430	610	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313005100690	130	510	690	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313005900770	130	590	770	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313006700850	130	670	850	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313007500930	130	750	930	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4313008301010	130	830	1010	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S4321001900450	210	190	450	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321002700530	210	270	530	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321003500610	210	350	610	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321004300690	210	430	690	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321005100770	210	510	770	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321005900850	210	590	850	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321006700930	210	670	930	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321007501010	210	750	1010	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321009101170	210	910	1170	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321010701330	210	1070	1330	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321012301490	210	1230	1490	43	22	M8	M8	15729	22470	157	552	786
L1972.S4321013901650	210	1390	1650	43	22	M8	M8	15729	22470	157	552	786
L1972.S4329002700610	290	270	610	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329003500690	290	350	690	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329004300770	290	430	770	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329005100850	290	510	850	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329005900930	290	590	930	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329006701010	290	670	1010	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329008301170	290	830	1170	43	22	M8	M8	21721	31030	217	1053	1500



Order No.	l_1	l_2	l_3	h_1	w_1	d_1	d_2 for	Load $C_{0\text{ ax}}$ N max.	Load $C_{0\text{ rad}}$ N max.	M_x Nm	M_y Nm	M_z Nm
L1972.S4329009901330	290	990	1330	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329011501490	290	1150	1490	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329013101650	290	1310	1650	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S4329014701810	290	1470	1810	25	22	M8	M8	21721	31030	217	1053	1500
L1972.S4337003500770	370	350	770	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337004300850	370	430	850	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337005100930	370	510	930	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337005901010	370	590	1010	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337007501170	370	750	1170	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337009101330	370	910	1330	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337010701490	370	1070	1490	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337012301650	370	1230	1650	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4337013901810	370	1390	1810	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S4345004300930	450	430	930	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4345005101010	450	510	1010	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4345006701170	450	670	1170	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4345008301330	450	830	1330	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4345009901490	450	990	1490	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4345011501650	450	1150	1650	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4345013101810	450	1310	1810	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4345014701970	450	1470	1970	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S4353005901170	530	590	1170	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S4353007501330	530	750	1330	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S4353009101490	530	910	1490	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S4353010701650	530	1070	1650	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S4353012301810	530	1230	1810	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S4353013901970	530	1390	1970	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S4361006701330	610	670	1330	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S4361008301490	610	830	1490	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S4361009901650	610	990	1650	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S4361011501810	610	1150	1810	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S4361013101970	610	1310	1970	43	22	M8	M8	45689	65270	452	4650	6636

Order No.	l_4	l_5	Holes/ slider	l_6	l_7	l_8	h_2	w_2	w_3	R
L1972.S4313001100290	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313001900370	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313002700450	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313003500530	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313004300610	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313005100690	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313005900770	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313006700850	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313007500930	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4313008301010	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S4321001900450	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S4321002700530	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S4321003500610	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S4321004300690	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S4321005100770	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S4321005900850	25	80	3	25	80	25	23	21	13.5	2.5



Easy Slide - Size 43



Long Linear Rails

Order No.	l ₄	l ₅	Holes/ slider	l ₆	l ₇	l ₈	h ₂	w ₂	w ₃	R
L1972.S43210067 00930	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43210075 01010	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43210091 01170	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43210107 01330	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43210123 01490	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43210139 01650	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43290027 00610	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290035 00690	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290043 00770	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290051 00850	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290059 00930	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290067 01010	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290083 01170	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290099 01330	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290115 01490	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290131 01650	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43290147 01810	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43370035 00770	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370043 00850	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370051 00930	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370059 01010	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370075 01170	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370091 01330	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370107 01490	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370123 01650	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43370139 01810	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43450043 00930	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43450051 01010	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43450067 01170	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43450083 01330	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43450099 01490	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43450115 01650	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43450131 01810	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43450147 01970	25	80	6	25	80	25	23	21	13.5	2.5

LONG LINEAR RAILS



Order No.	l ₄	l ₅	Holes/ slider	l ₆	l ₇	l ₈	h ₂	w ₂	w ₃	R
L1972.S43530059 01170	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43530075 01330	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43530091 01490	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43530107 01650	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43530123 01810	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43530139 01970	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43610067 01330	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43610083 01490	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43610099 01650	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43610115 01810	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43610131 01970	25	80	8	25	80	25	23	21	13.5	2.5