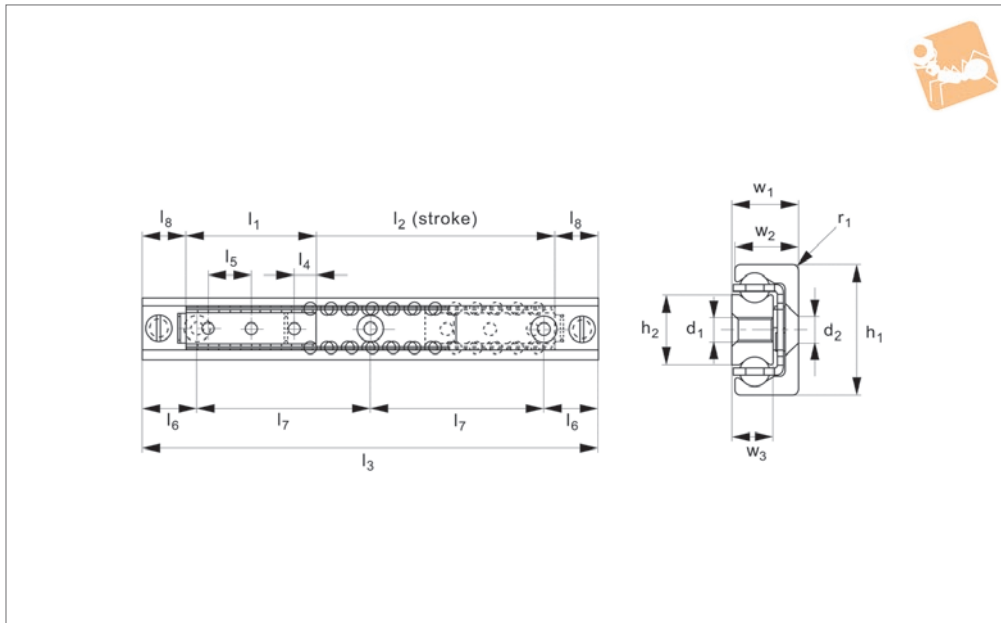




Easy Slide - Size 43

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.S43-130-0110-0290	130	110	290	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0190-0370	130	190	370	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0270-0450	130	270	450	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0350-0530	130	350	530	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0430-0610	130	430	610	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0510-0690	130	510	690	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0590-0770	130	590	770	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0670-0850	130	670	850	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0750-0930	130	750	930	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-130-0830-1010	130	830	1010	43	22	M8	M8	9737	13910	99.5	215	301
L1972.S43-210-0190-0450	210	190	450	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0270-0530	210	270	530	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0350-0610	210	350	610	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0430-0690	210	430	690	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0510-0770	210	510	770	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0590-0850	210	590	850	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0670-0930	210	670	930	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0750-1010	210	750	1010	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-0910-1170	210	910	1170	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-1070-1330	210	1070	1330	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-1230-1490	210	1230	1490	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-210-1390-1650	210	1390	1650	43	22	M8	M8	15729	22470	157	552	786
L1972.S43-290-0270-0610	290	270	610	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-0350-0690	290	350	690	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-0430-0770	290	430	770	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-0510-0850	290	510	850	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-0590-0930	290	590	930	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-0670-1010	290	670	1010	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-0830-1170	290	830	1170	43	22	M8	M8	21721	31030	217	1053	1500



LONG LINEAR RAILS

Order No.	l ₁	l ₂	l ₃	h ₁	w ₁	d ₁	d ₂ for	Load C _{0 ax} N max.	Load C _{0 rad} N max.	M _x Nm	M _y Nm	M _z Nm
L1972.S43-290-0990-1330	290	990	1330	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-1150-1490	290	1150	1490	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-1310-1650	290	1310	1650	43	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-290-1470-1810	290	1470	1810	25	22	M8	M8	21721	31030	217	1053	1500
L1972.S43-370-0350-0770	370	350	770	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-0430-0850	370	430	850	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-0510-0930	370	510	930	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-0590-1010	370	590	1010	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-0750-1170	370	750	1170	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-0910-1330	370	910	1330	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-1070-1490	370	1070	1490	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-1230-1650	370	1230	1650	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-370-1390-1810	370	1390	1810	43	22	M8	M8	27713	39590	275	1712	2441
L1972.S43-450-0430-0930	450	430	930	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-450-0510-1010	450	510	1010	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-450-0670-1170	450	670	1170	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-450-0830-1330	450	830	1330	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-450-0990-1490	450	990	1490	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-450-1150-1650	450	1150	1650	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-450-1310-1810	450	1310	1810	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-450-1470-1970	450	1470	1970	43	22	M8	M8	33705	48150	334.5	2531	3611
L1972.S43-530-0590-1170	530	590	1170	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S43-530-0750-1330	530	750	1330	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S43-530-0910-1490	530	910	1490	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S43-530-1070-1650	530	1070	1650	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S43-530-1230-1810	530	1230	1810	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S43-530-1390-1970	530	1390	1970	43	22	M8	M8	39697	56710	392	3511	5009
L1972.S43-610-0670-1330	610	670	1330	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S43-610-0830-1490	610	830	1490	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S43-610-0990-1650	610	990	1650	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S43-610-1150-1810	610	1150	1810	43	22	M8	M8	45689	65270	452	4650	6636
L1972.S43-610-1310-1970	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.S43-130-0110-0290	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0190-0370	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0270-0450	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0350-0530	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0430-0610	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0510-0690	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0590-0770	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0670-0850	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0750-0930	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-130-0830-1010	25	80	2	25	80	25	23	21	13.5	2.5
L1972.S43-210-0190-0450	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-0270-0530	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-0350-0610	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-0430-0690	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-0510-0770	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-0590-0850	25	80	3	25	80	25	23	21	13.5	2.5



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Order No.	l ₄	l ₅	Holes/ slider	l ₆	l ₇	l ₈	h ₂	w ₂	w ₃	R
L1972.S43-210-0670-0930	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-0750-1010	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-0910-1170	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-1070-1330	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-1230-1490	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-210-1390-1650	25	80	3	25	80	25	23	21	13.5	2.5
L1972.S43-290-0270-0610	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-0350-0690	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-0430-0770	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-0510-0850	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-0590-0930	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-0670-1010	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-0830-1170	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-0990-1330	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-1150-1490	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-1310-1650	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-290-1470-1810	25	80	4	25	80	25	23	21	13.5	2.5
L1972.S43-370-0350-0770	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-0430-0850	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-0510-0930	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-0590-1010	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-0750-1170	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-0910-1330	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-1070-1490	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-1230-1650	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-370-1390-1810	25	80	5	25	80	25	23	21	13.5	2.5
L1972.S43-450-0430-0930	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43-450-0510-1010	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43-450-0670-1170	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43-450-0830-1330	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43-450-0990-1490	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43-450-1150-1650	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43-450-1310-1810	25	80	6	25	80	25	23	21	13.5	2.5
L1972.S43-450-1470-1970	25	80	6	25	80	25	23	21	13.5	2.5

LONG LINEAR RAILS



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.S43-530-0590-1170	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43-530-0750-1330	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43-530-0910-1490	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43-530-1070-1650	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43-530-1230-1810	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43-530-1390-1970	25	80	7	25	80	25	23	21	13.5	2.5
L1972.S43-610-0670-1330	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43-610-0830-1490	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43-610-0990-1650	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43-610-1150-1810	25	80	8	25	80	25	23	21	13.5	2.5
L1972.S43-610-1310-1970	25	80	8	25	80	25	23	21	13.5	2.5