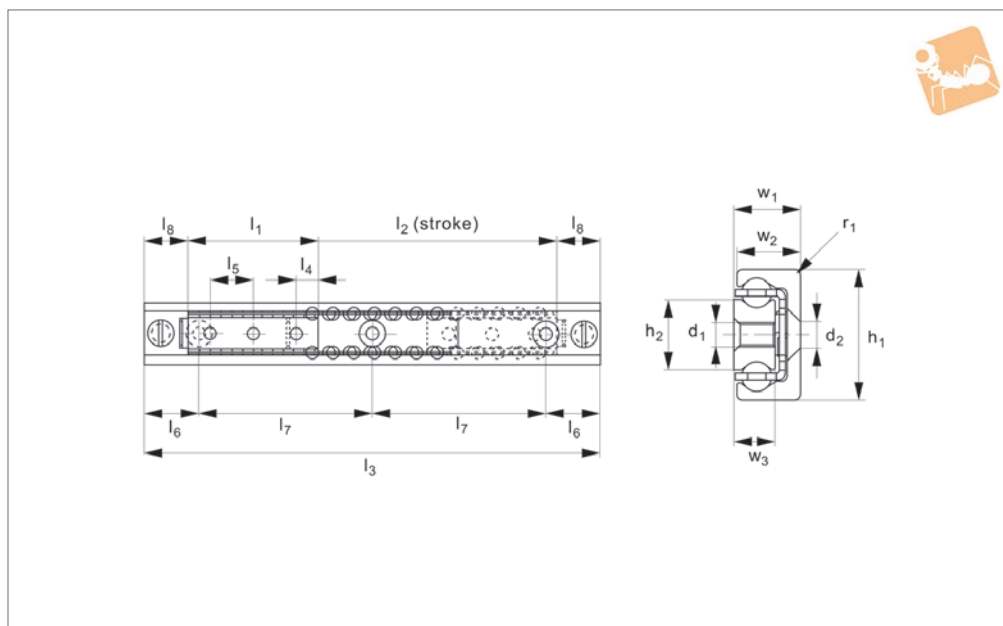




Easy Slide - Size 28



Long Linear
Rails



L1972.28

LONG LINEAR RAILS

Material

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

Technical Notes

Smooth movement, with very little friction

(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: 1,0 Kg/m.

Tips

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

Order No.	l_1	l_3	l_2 stroke	h_1	w_1	d_1	d_2 for	Load $C_{0\text{ ax}}$ N max.	Load $C_{0\text{ rad}}$ N	M_x Nm	M_y Nm	M_z Nm
L1972.S2806000300130	60	130	30	28	13	M5	M5	2436	3480	18	25	37
L1972.S2806001100210	60	210	110	28	13	M5	M5	2436	3480	18	25	37
L1972.S2806001900290	60	290	190	28	13	M5	M5	2436	3480	18	25	37
L1972.S2806002700370	60	370	270	28	13	M5	M5	2436	3480	18	25	37
L1972.S2806003500450	60	450	350	28	13	M5	M5	2436	3480	18	25	37
L1972.S2808000900210	80	210	90	28	13	M5	M5	3248	4640	23	45	65
L1972.S2808001700290	80	290	170	28	13	M5	M5	3248	4640	23	45	65
L1972.S2808002500370	80	370	250	28	13	M5	M5	3248	4640	23	45	65
L1972.S2808003300450	80	450	330	28	13	M5	M5	3248	4640	23	45	65
L1972.S2808004100530	80	530	410	28	13	M5	M5	3248	4640	23	45	65
L1972.S2808004900610	80	610	490	28	13	M5	M5	3248	4640	23	45	65
L1972.S2813001200290	130	290	120	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813002000370	130	370	200	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813002800450	130	450	280	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813003600530	130	530	360	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813004400610	130	610	440	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813005200690	130	690	520	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813006000770	130	770	600	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813006800850	130	850	680	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813007600930	130	930	760	28	13	M5	M5	5278	7540	38	117	166
L1972.S2813008401010	130	1010	840	28	13	M5	M5	5278	7540	38	117	166
L1972.S2821002000450	210	450	200	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821002800530	210	530	280	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821003600610	210	610	360	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821004400690	210	690	440	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821005200770	210	770	520	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821006000850	210	850	600	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821006800930	210	930	680	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821007601010	210	1010	760	28	13	M5	M5	8526	12180	62	300	430



Order No.	l_1	l_3	l_2 stroke	h_1	w_1	d_1	d_2 for	Load $C_{0\text{ ax}}$ N max.	Load $C_{0\text{ rad}}$ N	M_x Nm	M_y Nm	M_z Nm
L1972.S2821009201170	210	1170	920	28	13	M5	M5	8526	12180	62	300	430
L1972.S2821010801330	210	1330	1080	28	13	M5	M5	8526	12180	62	300	430
L1972.S2829002800610	290	610	280	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829003600690	290	690	360	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829004400770	290	770	440	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829005200850	290	850	520	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829006000930	290	930	600	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829006801010	290	1010	680	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829008401170	290	1170	840	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829010001330	290	1330	1000	28	13	M5	M5	11774	16820	83	570	815
L1972.S2829011601490	290	1490	1160	28	13	M5	M5	11774	16820	83	570	815
L1972.S2837003600770	370	770	360	28	13	M5	M5	15022	21460	106	930	1327
L1972.S2837004500850	370	850	440	28	13	M5	M5	15022	21460	106	930	1327
L1972.S2837005200930	370	930	520	28	13	M5	M5	15022	21460	106	930	1327
L1972.S2837006001010	370	1010	600	28	13	M5	M5	15022	21460	106	930	1327
L1972.S2837007601170	370	1170	760	28	13	M5	M5	15022	21460	106	930	1327
L1972.S2837009201330	370	1330	920	28	13	M5	M5	15022	21460	106	930	1327
L1972.S2837010801490	370	1490	1080	28	13	M5	M5	15022	21460	106	930	1327
L1972.S2845004400930	450	930	440	28	13	M5	M5	18270	26100	130	1374	1960
L1972.S2845005201010	450	1010	520	28	13	M5	M5	18270	26100	130	1374	1960
L1972.S2845006801170	450	1170	680	28	13	M5	M5	18270	26100	130	1374	1960
L1972.S2845008401330	450	1330	840	28	13	M5	M5	18270	26100	130	1374	1960
L1972.S2845010001490	450	1490	1000	28	13	M5	M5	18270	26100	130	1374	1960
L1972.S2845011601650	450	1650	1160	28	13	M5	M5	18270	26100	130	1374	1960

Order No.	l_4	l_5	Holes/ slider	l_6	l_7	l_8	h_2	w_2	w_3	R
L1972.S2806000300130	10	20	3	25	80	20	15	12.25	7.5	1
L1972.S2806001100210	10	20	3	25	80	20	15	12.25	7.5	1
L1972.S2806001900290	10	20	3	25	80	20	15	12.25	7.5	1
L1972.S2806002700370	10	20	3	25	80	20	15	12.25	7.5	1
L1972.S2806003500450	10	20	3	25	80	20	15	12.25	7.5	1
L1972.S2808000900210	10	20	4	25	80	20	15	12.25	7.5	1
L1972.S2808001700290	10	20	4	25	80	20	15	12.25	7.5	1
L1972.S2808002500370	10	20	4	25	80	20	15	12.25	7.5	1
L1972.S2808003300450	10	20	4	25	80	20	15	12.25	7.5	1
L1972.S2808004100530	10	20	4	25	80	20	15	12.25	7.5	1
L1972.S2808004900610	10	20	4	25	80	20	15	12.25	7.5	1
L1972.S2813001200290	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813002000370	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813002800450	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813003600530	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813004400610	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813005200690	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813006000770	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813006800850	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S2813007600930	25	80	2	25	80	20	15	12.25	7.5	1



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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.S28130084 01010	25	80	2	25	80	20	15	12.25	7.5	1
L1972.S28210020 00450	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210028 00530	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210036 00610	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210044 00690	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210052 00770	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210060 00850	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210068 00930	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210076 01010	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210092 01170	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28210108 01330	25	80	3	25	80	20	15	12.25	7.5	1
L1972.S28290028 00610	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290036 00690	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290044 00770	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290052 00850	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290060 00930	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290068 01010	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290084 01170	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290100 01330	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28290116 01490	25	80	4	25	80	20	15	12.25	7.5	1
L1972.S28370036 00770	25	80	5	25	80	20	15	12.25	7.5	1
L1972.S28370045 00850	25	80	5	25	80	20	15	12.25	7.5	1
L1972.S28370052 00930	25	80	5	25	80	20	15	12.25	7.5	1
L1972.S28370060 01010	25	80	5	25	80	20	15	12.25	7.5	1
L1972.S28370076 01170	25	80	5	25	80	20	15	12.25	7.5	1
L1972.S28370092 01330	25	80	5	25	80	20	15	12.25	7.5	1
L1972.S28370108 01490	25	80	5	25	80	20	15	12.25	7.5	1
L1972.S28450044 00930	25	80	6	25	80	20	15	12.25	7.5	1
L1972.S28450052 01010	25	80	6	25	80	20	15	12.25	7.5	1
L1972.S28450068 01170	25	80	6	25	80	20	15	12.25	7.5	1
L1972.S28450084 01330	25	80	6	25	80	20	15	12.25	7.5	1
L1972.S28450100 01490	25	80	6	25	80	20	15	12.25	7.5	1
L1972.S28450116 01650	25	80	6	25	80	20	15	12.25	7.5	1

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