

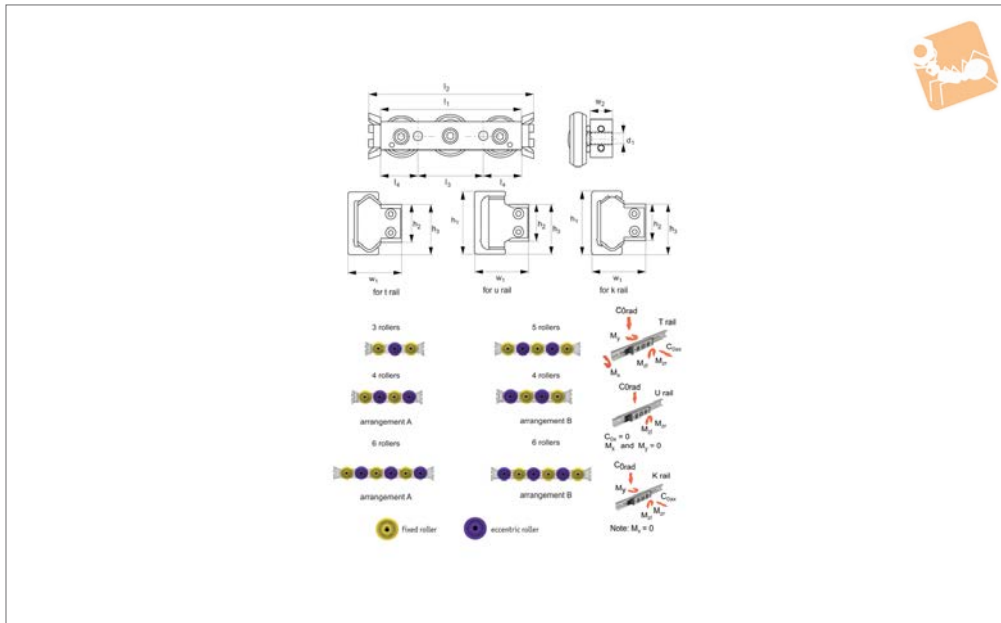


Very Heavy Sliders, size 63

no side seal, front fixing, with wiper



Long Linear
Rails



L1963.CS

LONG LINEAR RAILS

Material

Zinc plated steel body.
Steel rollers (100Cr6) with a special combined metal and rubber seal (2ZR).

Technical Notes

To be used with compact rail size 63.

Select the relevant carriage for the rail and the required number of carriages to carry the load (taking into account any moment loads).

Unlike the N series sliders these CSW sliders do not have protective side seals.

Tips

Easy to install (one or more rollers are eccentric allowing for adjustable preload).
Coefficient of friction (without seals) 0.006.
Quiet and fast (up to 9 m/s).

Order No.	For rail type	No. of rollers	Seal type	d	h_1 +0.35 -0.10+0.5	h_2 -0+0.15 -0.30	h_3 -0.30	l_1	l_2	l_3	l_4	M_x Nm	M_y Nm	Weight kg
L1963.63CS-180-2ZT	T	3	Metal	M8	63	39.5	51.6	180	200	54	9	125	271	1.66
L1963.63CS-180-2ZU	U	3	Metal	M8	63	39.5	51.6	180	200	54	9	0	0	1.66
L1963.63CS-180-2ZK	K	3	Metal	M8	63	39.5	51.6	180	200	54	9	0	235	1.66
L1963.63CS-235-2ZTA	T	4	Metal	M8	63	39.5	51.6	235	255	54	9.5	250	413	2.17
L1963.63CS-235-2ZUA	U	4	Metal	M8	63	39.5	51.6	235	255	54	9.5	0	0	2.17
L1963.63CS-235-2ZKA	K	4	Metal	M8	63	39.5	51.6	235	255	54	9.5	0	294	2.17
L1963.63CS-235-2ZTB	T	4	Metal	M8	63	39.5	51.6	235	255	54	9.5	250	413	2.17
L1963.63CS-235-2ZUBA	U	4	Metal	M8	63	39.5	51.6	235	255	54	9.5	0	0	2.17
L1963.63CS-235-2ZKB	K	4	Metal	M8	63	39.5	51.6	235	255	54	9.5	0	294	2.17
L1963.63CS-290-2ZT	T	5	Metal	M8	63	39.5	51.6	290	310	54	10	250	511	2.67
L1963.63CS-290-2ZU	U	5	Metal	M8	63	39.5	51.6	290	310	54	10	0	0	2.67
L1963.63CS-290-2ZK	K	5	Metal	M8	63	39.5	51.6	290	310	54	10	0	589	2.67
L1963.63CS-345-2ZTA	T	6	Metal	M8	63	39.5	51.6	345	365	54	10.5	350	689	3.17
L1963.63CS-345-2ZUA	U	6	Metal	M8	63	39.5	51.6	345	365	54	10.5	0	0	3.17
L1963.63CS-345-2ZKA	K	6	Metal	M8	63	39.5	51.6	345	365	54	10.5	0	589	3.17
L1963.63CS-345-2ZTB	T	6	Metal	M8	63	39.5	51.6	345	365	54	10.5	350	689	3.17
L1963.63CS-345-2ZUB	U	6	Metal	M8	63	39.5	51.6	345	365	54	10.5	0	0	3.17
L1963.63CS-345-2ZKB	K	6	Metal	M8	63	39.5	51.6	345	365	54	10.5	0	589	3.17

Order No.	M_{Zr} Nm	M_{Zl} Nm	w_1 ± 0.15	w_2	Dyn. load C N max.	Static load C_{0ax} N max.	Static load C_{0rad} N max.
L1963.63CS-180-2ZT	367	367	49.8	19.5	30750	6000	12500
L1963.63CS-180-2ZU	367	367	49.8	19.5	30750	0	12500
L1963.63CS-180-2ZK	335	335	49.8	19.5	30750	5045	11550
L1963.63CS-235-2ZTA	367	1100	49.8	19.5	30750	7200	12500



Order No.	M _{zr} Nm	M _{zl} Nm	w ₁ ±0.15	w ₂	Dyn. load C N max.	Static load C _{0 ax.} N max.	Static load C _{0 rad.} N max.
L1963.63CS-235-2ZUA	367	1100	49.8	19.5	30750	0	12500
L1963.63CS-235-2ZKA	335	935	49.8	19.5	30750	5045	11550
L1963.63CS-235-2ZTB	1100	367	49.8	19.5	30750	7200	12500
L1963.63CS-235-2ZUBA	1100	367	49.8	19.5	30750	0	12500
L1963.63CS-235-2ZKB	935	335	49.8	19.5	30750	5045	11550
L1963.63CS-290-2ZT	1100	1100	49.8	19.5	36600	8500	15000
L1963.63CS-290-2ZU	1100	1100	49.8	19.5	36600	0	15000
L1963.63CS-290-2ZK	935	935	49.8	19.5	36600	6000	13745
L1963.63CS-345-2ZTA	1100	1830	49.8	19.5	36600	10000	15000
L1963.63CS-345-2ZUA	1100	1830	49.8	19.5	36600	0	15000
L1963.63CS-345-2ZKA	935	1560	49.8	19.5	36600	6000	13745
L1963.63CS-345-2ZTB	1830	1100	49.8	19.5	36600	10000	15000
L1963.63CS-345-2ZUB	1830	1100	49.8	19.5	36600	0	15000
L1963.63CS-345-2ZKB	1560	935	49.8	19.5	36600	6000	13745