

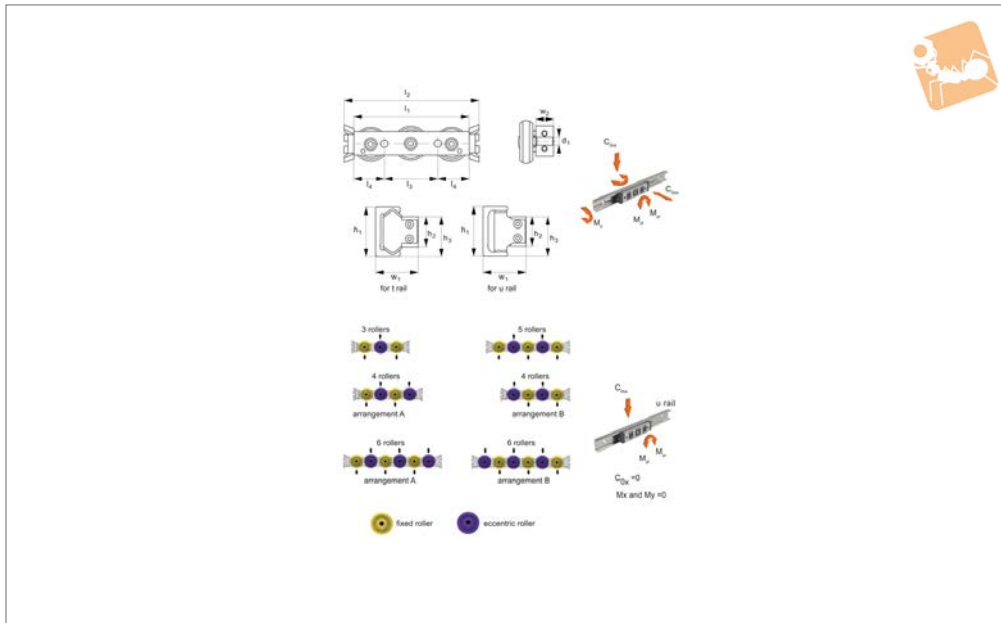


# Light Duty Sliders - Size 18

no side seal - front fixing



Long Linear  
Rails



**L1918.CSW**

LONG LINEAR RAILS

### Material

Zinc plated steel body.  
Steel rollers (100Cr6) with metal (2Z) or rubber (2RS) seals.

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) 0.003.

Quiet and fast (up to 3 m/s).

### Technical Notes

To be used with compact rail size 18.

Order No.	For rail type	No. of rollers	Seal type	C N	C <sub>0ax</sub> N	C <sub>0rad</sub> N	d <sub>1</sub>	h <sub>1</sub> +0.25 -0.10	h <sub>2</sub> +0 -0.05	h <sub>3</sub> +0.05 -0.25	Weight g
L1918.CSW18-060-2ZT	T	3	Metal	1530	260	820	M 5	18	9.5	14	0.04
L1918.CSW18-060-2ZU	U	3	Metal	1530	0	820	M 5	18	9.5	14	0.04
L1918.CSW18-080-2ZTA	T	4	Metal	1530	300	820	M 5	18	9.5	14	0.05
L1918.CSW18-080-2ZUA	U	4	Metal	1530	0	820	M 5	18	9.5	14	0.05
L1918.CSW18-080-2ZTB	T	4	Metal	1530	300	820	M 5	18	9.5	14	0.05
L1918.CSW18-080-2ZUB	U	4	Metal	1530	0	820	M 5	18	9.5	14	0.05
L1918.CSW18-100-2ZT	T	5	Metal	1830	360	975	M 5	18	9.5	14	0.06
L1918.CSW18-100-2ZU	U	5	Metal	1830	0	975	M 5	18	9.5	14	0.06
L1918.CSW18-120-2ZTA	T	6	Metal	1830	400	975	M 5	18	9.5	14	0.07
L1918.CSW18-120-2ZUA	U	6	Metal	1830	0	975	M 5	18	9.5	14	0.07
L1918.CSW18-120-2ZTB	T	6	Metal	1830	400	975	M 5	18	9.5	14	0.07
L1918.CSW18-120-2ZUB	U	6	Metal	1830	0	975	M 5	18	9.5	14	0.07
L1918.CSW18-060-2RST	T	3	Rubber	1530	260	820	M 5	18	9.5	14	0.04
L1918.CSW18-060-2RSU	U	3	Rubber	1530	0	820	M 5	18	9.5	14	0.04
L1918.CSW18-080-2RSTA	T	4	Rubber	1530	300	820	M 5	18	9.5	14	0.05
L1918.CSW18-080-2RSUA	U	4	Rubber	1530	0	820	M 5	18	9.5	14	0.05
L1918.CSW18-080-2RSTB	T	4	Rubber	1530	300	820	M 5	18	9.5	14	0.05
L1918.CSW18-080-2RSUB	U	4	Rubber	1530	0	820	M 5	18	9.5	14	0.05
L1918.CSW18-100-2RST	T	5	Rubber	1830	360	975	M 5	18	9.5	14	0.06
L1918.CSW18-100-2RSU	U	5	Rubber	1830	0	975	M 5	18	9.5	14	0.06
L1918.CSW18-120-2RSTA	T	6	Rubber	1830	400	975	M 5	18	9.5	14	0.07
L1918.CSW18-120-2RSUA	U	6	Rubber	1830	0	975	M 5	18	9.5	14	0.07
L1918.CSW18-120-2RSTB	T	6	Rubber	1830	400	975	M 5	18	9.5	14	0.07



Order No.	For rail type	No. of rollers	Seal type	C N	C <sub>Oax</sub> N	C <sub>Orad</sub> N	d <sub>1</sub>	h <sub>1</sub> +0.25 -0.10	h <sub>2</sub> +0 -0.05	h <sub>3</sub> +0.05 -0.25	Weight g
L1918.CSW18-120-2RSUB	U	6	Rubber	1830	0	975	M 5	18	9.5	14	0.07

Order No.	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	M <sub>x</sub> Nm	M <sub>y</sub> Nm	M <sub>zr</sub> Nm	M <sub>zl</sub> Nm	w <sub>1</sub> ±0.15	w <sub>2</sub>	Arrangement type
L1918.CSW18-060-2ZT	60	76	20	20	1.5	4.7	8.2	8.2	15	5.7	-
L1918.CSW18-060-2ZU	60	76	20	20	0	0	8.2	8.2	15	5.7	-
L1918.CSW18-080-2ZTA	80	96	40	20	2.8	7	8.2	24.7	15	5.7	A
L1918.CSW18-080-2ZUA	80	96	40	20	0	0	8.2	24.7	15	5.7	A
L1918.CSW18-080-2ZTB	80	96	40	20	2.8	7	24.7	8.2	15	5.7	B
L1918.CSW18-080-2ZUB	80	96	40	20	0	0	24.7	8.2	15	5.7	B
L1918.CSW18-100-2ZT	100	116	20	20	2.8	9.4	24.7	24.7	15	5.7	-
L1918.CSW18-100-2ZU	100	116	20	20	0	0	24.7	24.7	15	5.7	-
L1918.CSW18-120-2ZTA	120	116	20	20	3.3	11.8	24.7	41.1	15	5.7	A
L1918.CSW18-120-2ZUA	120	136	40	20	0	0	24.7	41.1	15	5.7	A
L1918.CSW18-120-2ZTB	120	136	40	20	3.3	11.8	41.1	24.7	15	5.7	B
L1918.CSW18-120-2ZUB	120	136	40	20	0	0	41.1	24.7	15	5.7	B
L1918.CSW18-060-2RST	60	76	20	20	1.5	4.7	8.2	8.2	15	5.7	-
L1918.CSW18-060-2RSU	60	76	20	20	0	0	8.2	8.2	15	5.7	-
L1918.CSW18-080-2RSTA	80	96	40	20	2.8	7	8.2	24.7	15	5.7	A
L1918.CSW18-080-2RSUA	80	96	40	20	0	0	8.2	24.7	15	5.7	A
L1918.CSW18-080-2RSTB	80	96	40	20	2.8	7	24.7	8.2	15	5.7	B
L1918.CSW18-080-2RSUB	80	96	40	20	0	0	24.7	8.2	15	5.7	B
L1918.CSW18-100-2RST	100	116	20	20	2.8	9.4	24.7	24.7	15	5.7	-
L1918.CSW18-100-2RSU	100	116	20	20	0	0	24.7	24.7	15	5.7	-
L1918.CSW18-120-2RSTA	100	116	20	20	3.3	11.8	24.7	41.1	15	5.7	A
L1918.CSW18-120-2RSUA	120	136	40	20	0	0	24.7	41.1	15	5.7	A
L1918.CSW18-120-2RSTB	120	136	40	20	3.3	11.8	41.1	24.7	15	5.7	B
L1918.CSW18-120-2RSUB	120	136	40	20	0	0	41.1	24.7	15	5.7	B