Ordering key systems

LLS	H	S	12	TA	R	2	T0	-	500	P5	/	W2		E10

LLS Miniature profile rail guide series

Range code

H	Standard range
W	Wide range

Type code

S	System, mounted carriage on rail

Size

7, 9, 12, 15

Carriage type

TA	Standard or Wide carriage, standard length
LA	Standard or Wide carriage, extended length

Seal options

no code	Shielded carriage
R	Low friction sealed carriage

Number of carriages per rail

1, 2, 3, 4, 6

Preload Class

T0	Light clearance
T1	Light preload
T2	Medium preload

Rail Length

Up to 2 000 mm length in 1 mm steps, exception LLSH 7 with up to 1 000 mm length

Precision Class

P5	Standard precision
P1	High precision

Rail arrangement (Number of parallel mounted rails)

no code	Arrangement of single rail as standard
W2	Arrangement of two parallel mounted rails
Wx	Arrangement of x number of parallel mounted rails

Rail type

no code	Standard rail
D	Customized rail

Distance between end face and the center of the first mounting hole of the rail

E0	Standard "E"dimension, even when not selected. The holes at both rails end will be positioned equidistantly from either end of the rails with shortest possible distance
Exx	Specified "E" dimension for one rail end with the dimension range per size as described in **chapter 3.2**

Ordering key ZRC carriages



LLS Miniature profile rail guide series

Range code

H	Standard range
W	Wide range

Type code

C	Carriage

Size

7, 9, 12, 15

Carriage type

TA	Standard or wide carriage, standard length
LA	Standard or wide carriage, extended length

Seal options

no code	Shielded carriage
R	Sealed carriage

Preload Class

T0	Light clearance
T1	Light preload

Precision Class

P5	Standard precision

Zero Rail Concept

ZRC	The Zero Rail Concept (ZRC) offers the interchangeability of carriages and rails. Any carriage does fit onto any rail of the same size, if both components belong to the Zero Rail Concept. ZRC components have the suffix ZRC and can be ordered as components only. Single carriages have ZRC as standard suffix.

Ordering key ZRC rails



LLS Miniature profile rail guide series

Range code

H	Standard type
W	Wide type

Type code

R	Rail

Size

7, 9, 12, 15

Rail Length

up to 2 000 mm length in 1 mm steps, exception LLSH 7 with up to 1 000 mm length

Precision Class

P5	Standard precision

Rail type

no code	Standard rail
D	Customized rail

Distance between end face and the center of the first mounting hole of the rail

E0	Standard "E"dimension, even when not selected. The holes at both rails end will be positioned equidistantly from either end of the rails with shortest possible distance
Exx	Specified "E" dimension for one rail end with the dimension range per size as described in **chapter 3.2**

Zero Rail Concept

ZRC	The Zero Rail Concept (ZRC) offers the interchangeability of carriages and rails. Any carriage does fit onto any rail of the same size, if both components belong to the Zero Rail Concept. ZRC components have the suffix ZRC and can be ordered as components only. Single rails have ZRC as standard suffix.