

3.3.5 Lube element (S6)

Benefits

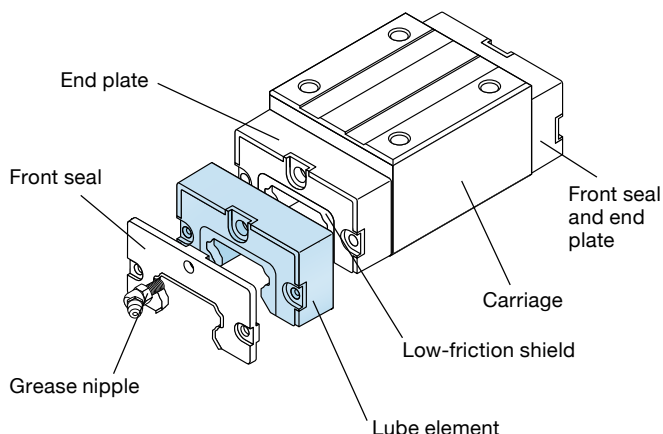
- Longer relubrication intervals¹⁾
- Less maintenance costs
- Easy mounting and replacement by clicking onto/over the rail
- Applicable for horizontal and vertical mounting
- Can be combined and ordered with standard LLT accessories, such as seal kit
- Suitable for all carriage types (size 15 to 35)
- Delivered ready to mount with all needed parts and filled with oil

Technical data

The relubrication interval of 5 000 km with lube element is valid for all sizes and under following pre-conditions:

- Load ratio: $F_m \leq 0,3C$
- Speed: $\leq 1 \text{ m/s}$
- Temperature: $+10 \text{ up to } +50 \text{ }^\circ\text{C}$
- Mounting: One lube element per lubricated carriage

The lube element is filled with high quality oil which has the right viscosity and is compatible with the grease of the carriage. Other oil types can be validated by Ewellix on request. The lube element housing is made of POM. By mounting a grease nipple to the lube element, the carriage can be regu-



larly greased. It is not possible to refill the lube element. For ideal function the lube element should be replaced after 5 000 km of travel distance, unless regular greasing is given through the grease nipple.

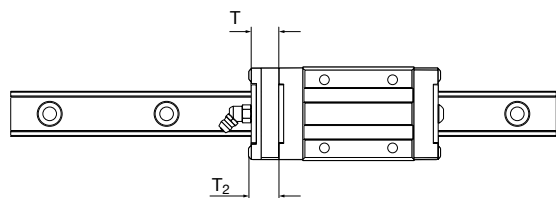
Because of the contact of the foam to the raceways of the rail, a slight increase of friction can occur.

A lube set LLTHZ S6 consists of one low-friction shield (S0), one lube element and two screws. The permissible storage temperature is $-15 \text{ up to } +50 \text{ }^\circ\text{C}$. The maximum storage duration in a warehouse is two years under the above mentioned conditions.

In case of different pre-conditions in the application, the performance may differ. Please contact Ewellix for further information.

Dimensional drawing

The carriage length increases by value T_2 , when a lube element is used



Size	T	T ₂ (including screw head)	Tightening torque of mounting screws
-	mm	mm	Nm
15	10,5	11,0	0,20
20	12,5	13,0	0,20
25	14,5	15,0	0,20
30	14,5	15,0	0,38
35	17,5	18,0	0,38