

Lubrication

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The runner blocks have an oiling unit at each end. Apply oil to the felt wiper strips before installing runner blocks..

The lubricating plate contains a large oil chamber designed for long relubrication intervals.

Oiling unit with large oil reservoir R1910-4..

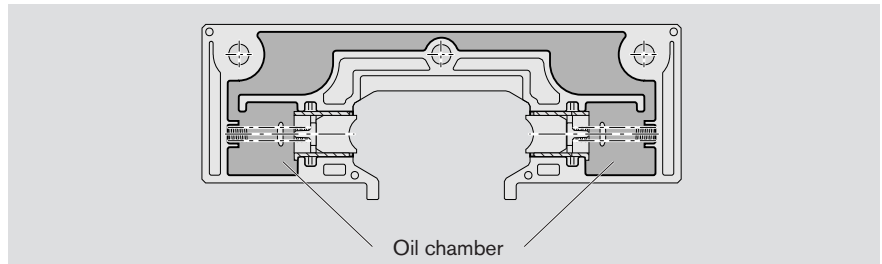
- Longer travel until in-service lubrication required: $15 \cdot 10^5$ m stroke.
- Dual function: simultaneous lubricating and wiping.
- Targeted shaft lubrication.
- Lubrication even at 90° orientation.
- Introduce the oil slowly and at low pressure for both initial lubrication and relubrication

Initial lubrication:

- For sizes 20 to 32, slowly introduce the entire volume of oil in one stroke and at low pressure. For size 52, introduce the oil volume in three equal partial quantities. Refer to the table for the required oil volume.

Relubrication:

- Fill the oil chamber until excess emerges



Size - Version	Part Number	Oil volume for initial lubrication (cm ³)
20	R1910 419 00	2,5
25	R1910 425 00	3,0
32	R1910 432 00	6,5
52	R1910 452 00	18,0
52-h	R1910 452 10	20,0
52-sh	R1910 452 20	20,0

Lubricant:

Oil lubrication of runner blocks (including U-type)

We recommend lubricating oil CLP, CGLP per DIN 51517 with a viscosity ISO VG 220 approx. 680 mm²/s at 40 °C per DIN 51519.

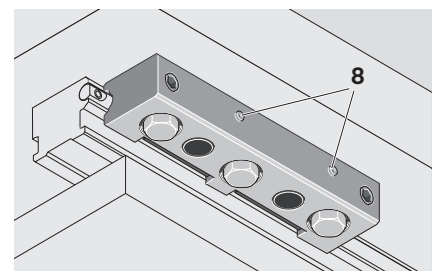
Grease lubrication of bearing runner blocks

We recommend grease lubricants to DIN 51825 - K P2 K20. A grease of this type, Dynalub 510, is available in a 400 g cartridge. Materialnummer: R3416 037 00

Caution: Do not use greases containing solid lubricant particles (e.g., graphite or MoS₂).

In-service lubricating intervals will depend on the application and the ambient conditions.

- Lubricate S/D bearing runner blocks until excess grease emerges.
- For double bearing runner blocks, use both lube nipples (8)!



Minimum stroke length

As a rule, the stroke length should not be less than the length of the runner block. For applications with shorter stroke lengths, please consult us.

Angular contact bearings

The angular contact ball bearings in the roller elements are sealed and lubricated for life.