

LINEAR MOTION

Linear Roller Way Capillary Plates

CHANGE OF OIL AMOUNT AT HIGH TEMPERATURE

Loss of oil amount of **Capillary Plate** at high temperatures was checked. **Capillary Plate** was left at the temperature of 20°C, 50°C and 80°C respectively, and weighed before and after the test.

The results of tests showed that oil loss amount of **Capillary Plate** was very small under all test temperature conditions.

TEST CONDITIONS AND RESULTS

Test piece: **Capillary Plate** for LWH25B

Test equipment: Thermostatic chamber

Test duration: 790 hours (about 33 days)

Temperature	20°C	50°C	80°C
Loss Amount	0 mg	Under 1 mg	Under 3.5 mg
Oil Loss Ratio	0%	0.1%	0.3%

SPECIFICATION AND APPLICABLE LINEAR (ROLLER) WAY SERIES

Capillary Plate is applicable to Linear Way and Linear Roller Way series shown in the following table. Attach the code Q to the end of part number and Linear (Roller) Way with prepacked grease and **Capillary Plates** (inside of end seals) will be delivered. The Specification of **Capillary Plate** with no prepacked grease is also applicable. If required please consult our technical department.

Please note that **Capillary Plate** can be delivered only as assembled in Linear (Roller) Way.

APPLICABLE LINEAR (ROLLER) WAY

Applicable Series		Applicable Part No. ¹	Prepacked Grease
Ball Type	Linear Way H	LWH15B - LWH65B	Lithium Soap Base Grease
	Stainless Linear Way H	LWHS15SL - LWHS30SL	
	Linear Way E	LWE15 - LWE45	
	Stainless Linear Way E	LWES15SL - LWES30SL	
Roller Type	Linear Roller Way Super X	LRX15 - LRX65	

Note (1) Only representative types are shown in the table, but applicable to all slide units.

CAUTION FOR USE

- NEVER wash **Capillary Plate** with organic solvent and/or white kerosene which have the ability of removing fat, nor leave them in contact with the above agents.
- It is recommended that **Capillary Plate** is used together with lithium soap base grease.
- Maximum allowable temperature is 80°C.