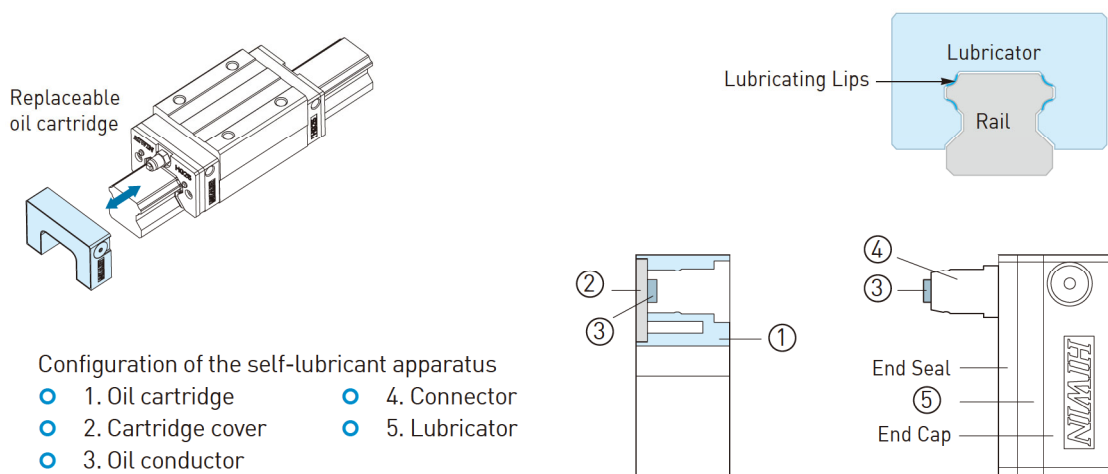


2-12 E2 Type - Self lubrication Kit for Linear Guideway

2-12-1 Construction of E2 Type

E2 self-lubricating linear guideway contains a lubricator between the end cap and end seal. Outside of the block is equipped with a replaceable oil cartridge, the configuration of which is listed below.

Lubrication oil flows from the replaceable oil cartridge to the lubricator and then lubricates grooves of rails. The Oil cartridge comprises a oil conductor with 3D structure that enables the lubricator to contact oil despite that blocks are placed at a random position , and thus the lubrication oil inside the oil cartridge can be used up via capillary action.



2-12-2 Feature of E2 Type

(1) Cost reduction: Save costs by reducing oil usage and maintenance.

Table 2-12-1

Item	Standard Block	E2 (Self-lubricant) Block
Lubricant device	\$ XXX	-
Design and installation of lubricant device	\$ XXX	-
Cost of oil purchase	0.3cc / hr x 8hrs / day x 280 days / year x 5 year = 3360 cc x cost / cc = \$ XXX	10 cc(5 years10000km) x cost/cc = \$ XX
Cost of refillin	3-5hrs / time x 3-5times / year x 5year x cost / time = \$ XXX	-
Waste oil disposal	3-5 times / year x 5year x cost / time = \$ XXX	-

(2) Clean and environmentally friendly: Optimized oil usage prevents leaking, making it the ideal solution for clean working environments.

(3) Long last and low maintenance: Self-lubricating block is maintenance free in most applications.

(4) No installed limitations: The linear guideway can be lubricated by E2 self-lubricating module irrespective of mounting directions.

(5) Easy to be assembled and dismantled: The cartridge can be added or removed from the block even when the guideway is installed on a machine.

(6) Different oils can be selected: The replaceable oil cartridge can be refilled with any approved lubrication oil depending on different requirements.

(7) Applications for special environments: Sealing grease into the block leads to better lubrication effects, especially in dusty, dirty, or wet environments.