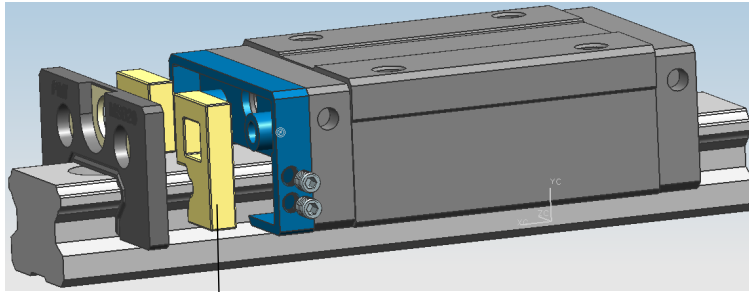


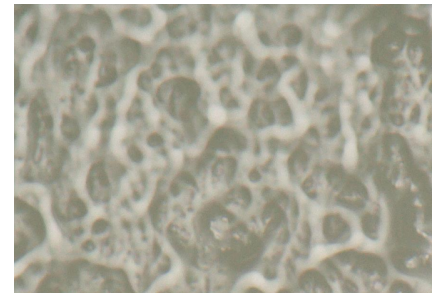
Self-lubricating device G1 PMI

Linear Motion Systems

- Lubrication unit G1 releases high-quality lubricating oil through capillary phenomenon on the rail.
- G1 not only perfectly fits the rail but also more stronger than traditional felt, and will not breakage with long-term operation.



The G1 structure is strong and can re-absorb oil after replenishing oil



Porous synthetic resin contains high-quality anti-wear and extreme pressure lubricating oil

Properties

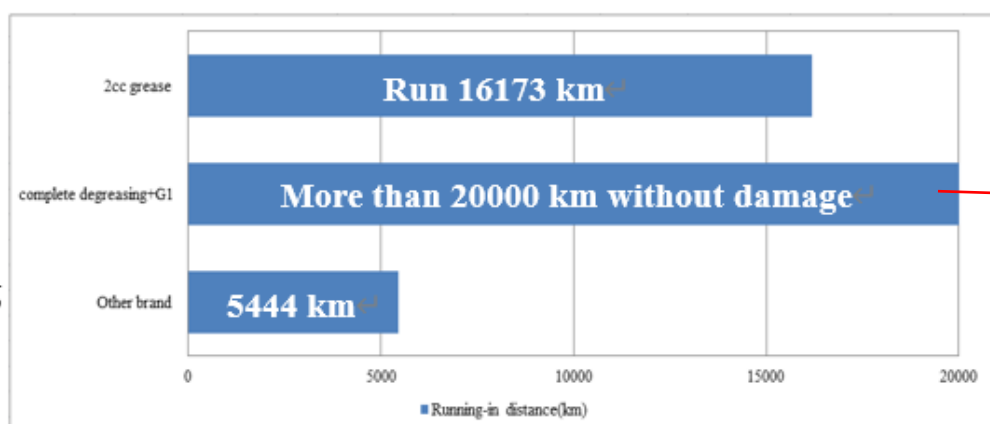
- Equipped with lubrication unit G1, it can reduce the amount of oil used to meet the economic and environmental protection needs in response the carbon reduction trend.
- In required clean environment where it is necessary to avoid oil scattering, and also prevent to temperature rise caused by injecting too much oil.
- Contains more than 70% oil and can run more than 20,000km without oil supply, also easy to supply oil in difficult filling places and saving a lot of maintenance time.
- Even in an environment with water, there is no need to worry about oil and grease being washed by water.
- The extra lubrication unit equals an extra layer of scraping effect, which greatly reduces the chance of foreign matter invasion.

Running-in life

Conditions:
Sample : MSA20
Speed : 3.2m/s
Stroke : 0.4m
Preload : FC

Lubrication method:

- Lubrication: 2cc grease (Shell Gadus S2 V100 2)
- PMI G1: complete degreasing + G1
- Other brand: complete degreasing + lubrication unit



Reference



Non-Reference

Still operational without damage.