





SPACEA™ Series for Special Environments Ball Screws and NSK Linear Guides for Vacuum Environments

Ball Screws and NSK Linear Guides With E-DFO for Vacuum Environments

New!

Ongoing evolution of DFO thin-film lubrication technology leads to significantly longer life and low outgassing in vacuum environments.

Patent Pending

■ Features 1. Long life Up to twenty times longer life than existing products. 2. Low outgassing Outgassing is limited even in high vacuum environments. 3. Low friction Friction is significantly reduced from existing products.

■ Operating environment

Maximum vacuum environment | F

at room temperature

10⁻⁶ Pa

Recommended operating

temperature range

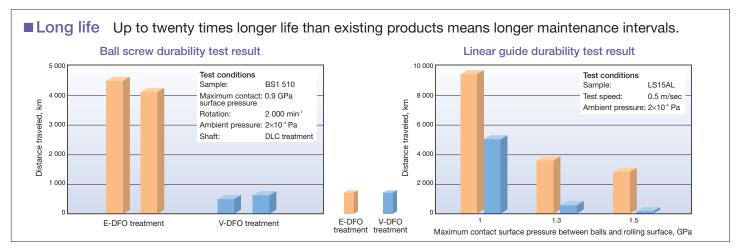
-40-125°C

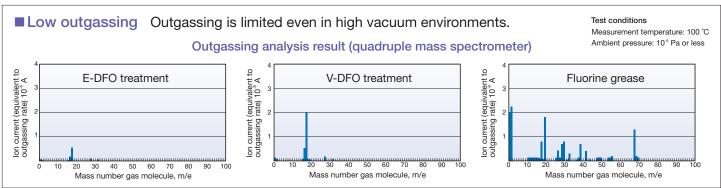
Maximum instantaneous operating

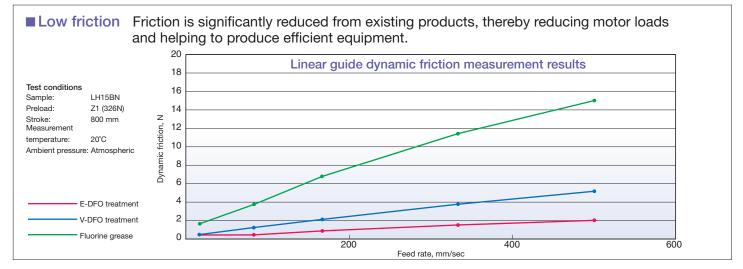
temperature (less than 10 hours)

200°C









Applications

Wafer inspection equipment, SED manufacturing equipment, ion implanter, IC stepper lighting systems, work handling component for optical measuring equipment, ion steppers, coating equipment, vacuum monochromater, lens inspection equipment, vacuum inspection equipment, etc.

 \ast All these products are manufactured to order. For details, please contact NSK.

