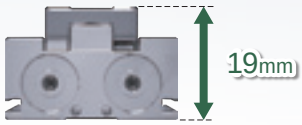
Low-profile long stroke hand LST-HP1 Series

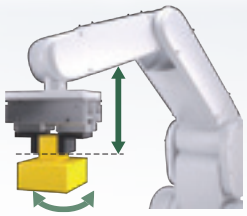
Double piston thin design

Space saving **Reduced moment of inertia**

Reduces the height and space, contributing to reduced moment of inertia.



*With LST-08



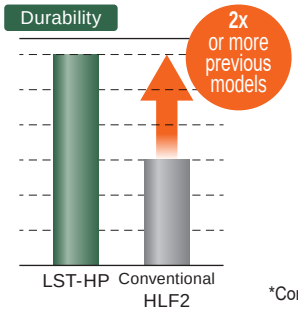
High gripping power

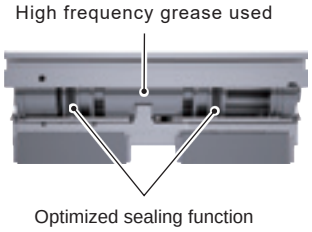
Adopting the double piston system realizes a compact body with high gripping power.

Long service life

Twice the durability compared with conventional models*

Highly advanced sliding technology has enabled durability twice that of conventional models.





*Compared to conventional CKD product HLF2.

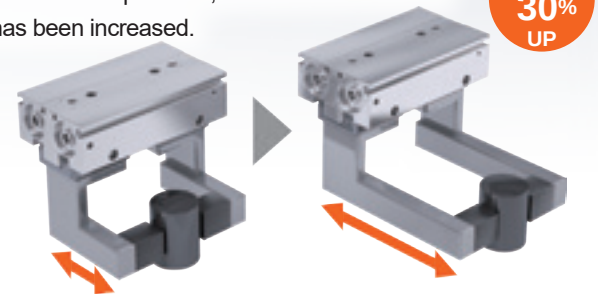
Increased linear guide performance

High rigidity High precision

Increased amount of overhang **Repeatability ±0.03 mm**

By improving the guide rigidity beyond that of conventional products, the allowable moment has been increased.

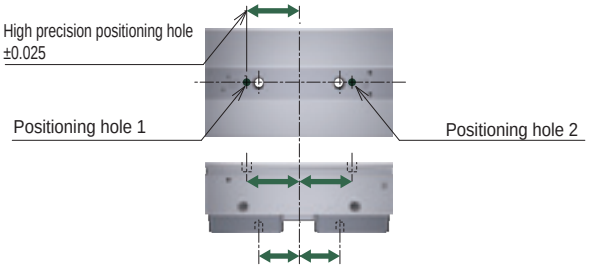
Rigidity 30% UP



Reduced processes on site

High precision positioning hole ±0.025mm

The addition of "positioning holes" with the grip center as reference allows the centering precision to be easily reproduced.



Switch with bending resistant lead wire can be selected

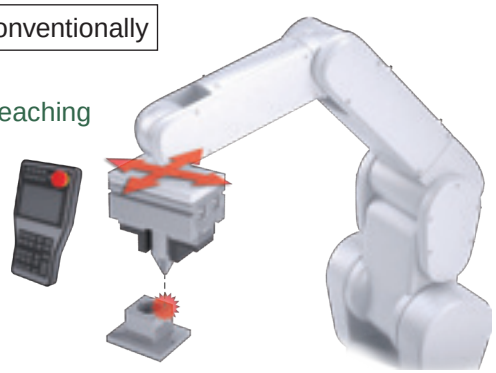
A switch can be selected that uses a bend-resistant lead wire that does not easily break even when used in moving parts.

Case Study- Reduces worksite processes -

Replacement of body

Positioning holes that guarantee centering precision enable highly reproducible mounting, with no fine adjustment required. This contributes to reduced mounting adjustment work-hours and improved reproducibility.

Conventionally



With LST-HP