

Free Joint

Absorbs misalignment and lack of parallelism between driven body and cylinder

Effect

- Prevents rod metal from being snagged.
- Prevents chattering of cylinders.
- Packing damage prevention.
- Low pressure actuation.
- Easy assembly centering.
- Prevents reduction in thrust.

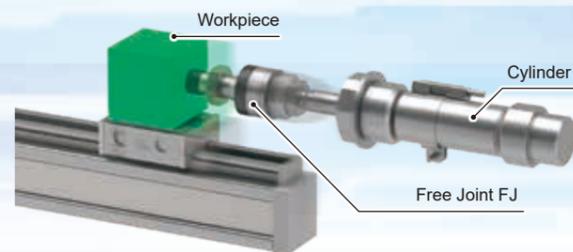
Free Joint FJ Series

Applicable Cylinder Bore $\varnothing 20$ to $\varnothing 200$

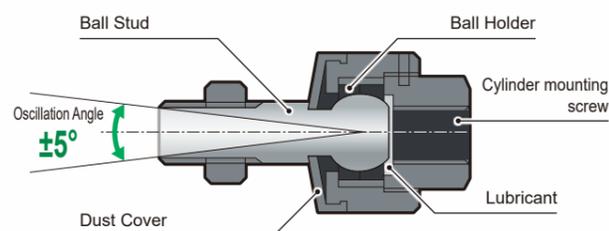
This is the most versatile floating joint that transmits the high thrust of a cylinder using a ball joint system.



Easy alignment of centers and parallelism



Filled with lubricant, no lubrication required
Compatible with high tensile/compressive forces
Oscillation Angle $\pm 5^\circ$
With Dust Cover

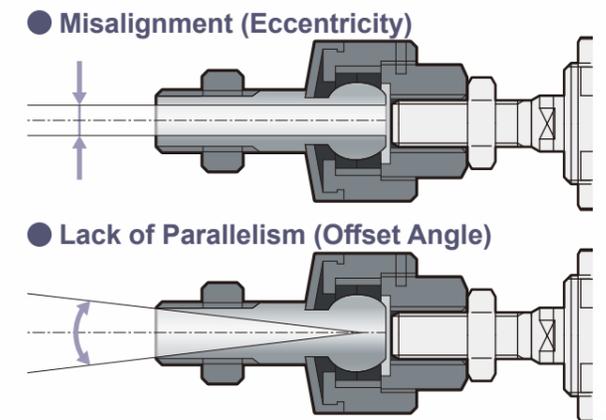


3 mounting types standardized



Functional Explanation

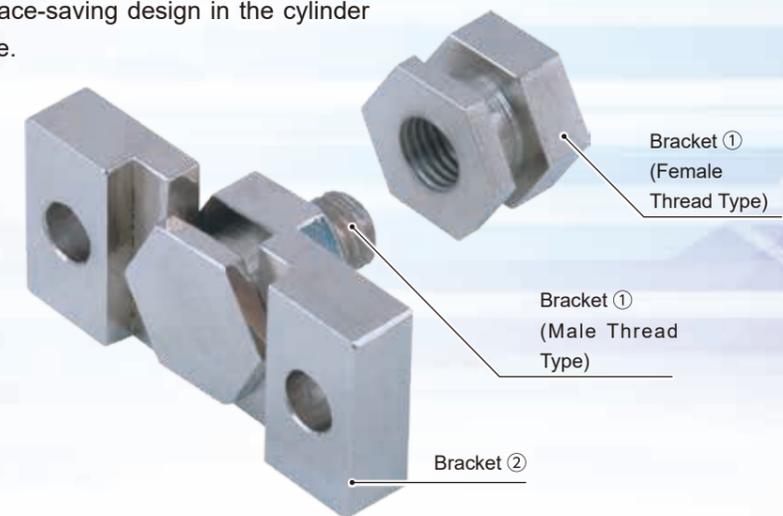
Lateral load is the biggest weak point of pneumatic cylinders. When using a cylinder, it is necessary to create a state where no lateral load is applied to the Piston Rod so that the direction of motion of the Piston Rod is on the same line as the direction of motion of the load. This product is an important part that absorbs misalignment (eccentricity) and lack of parallelism (offset angle) between the driven body and the cylinder, reducing lateral load.



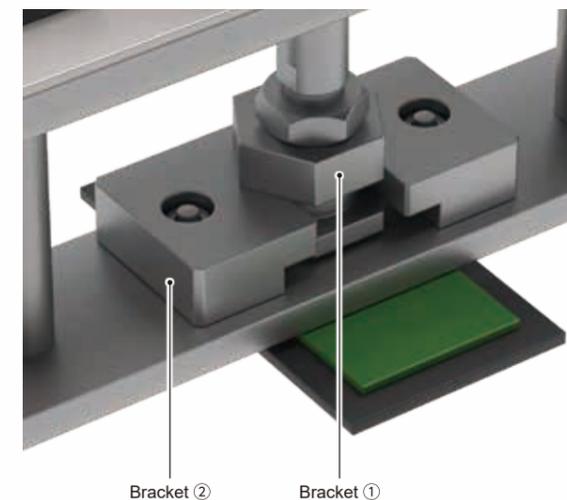
Simple Flow Controller FK Series

Applicable Cylinder Bore $\varnothing 6$ to $\varnothing 100$

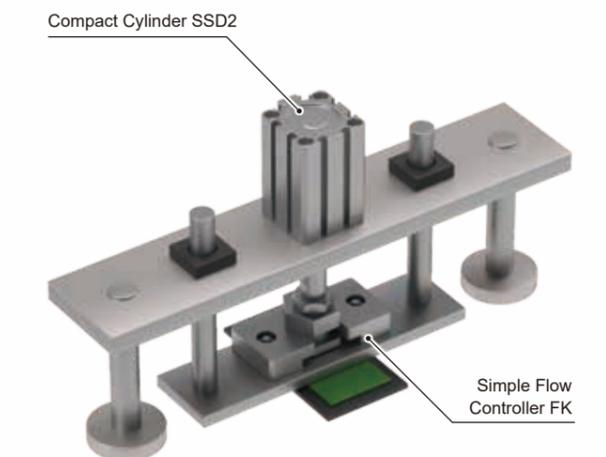
Due to its thin shape, space-saving design in the cylinder stroke direction is possible.



Easy alignment of centers and parallelism



Matching with Compact Cylinder



Mountable in a short time

Related Equipment

SKL

NCK

SCK

FCK

FJ

FK

Related Equipment

SKL

NCK

SCK

FCK

FJ

FK

Cylinder Switch

Ending

Cylinder Switch

Ending