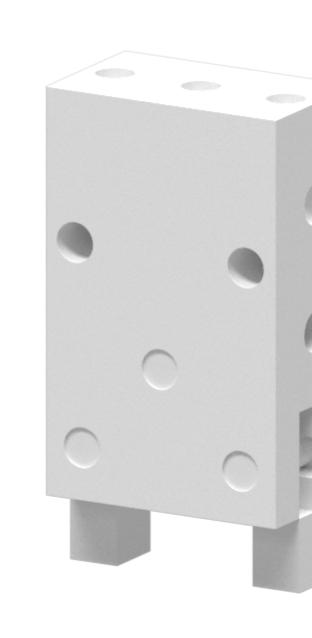
Gripper | Parallel 2 jaws | CH10Z





CH10Z

Course 60 mm

Air consumption 30000 mm³

Function Double effet

Max cycle per minute 60 cycles

Gripping force* 240.000 N

Weight 2.950 kg

Max. weight of one attachment 0.550 kg

Type Parallel 2 jaws



Operating conditions

Working media Filtered air

Operating

pressure

3 to 7 bar

Working

temperature

5 to 60°C

Lubrication Normally not required (but if necessary, use

ISOVG32 compliant lubricant)

Repeatability* Initial value : \pm 0.1 mm, after 2 million cycles : \pm

 $0.2 \; \text{mm}$

Lifetime 2 million cycles (with balanced load on each

finger)

Parallel type Cube Gripper, stroke from 10 to 30mm

*The values of gripping force in the above table indicates pressure at the top edge of the fingers when gripping with pressure of 5 bar.

Notice: The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

Our wide range of 2-jaws parallel grippers can be used for chucking extremely small parts to biggest ones. Indeed, NKE 2-jaws grippers are available in various sizes, gripping forces and strokes.

The CH10 Series offers 5 gripper models providing two jaws positions (axial and radial). These grippers come with integrated dust protection (rubbing seal) and allow dust cover installation to enhance protection level. Position sensors may also be mounted on the unit body.



Advantages



Benefits

- Compact-Lightweight-Fast
- Silent mechanism
- Quick and simple integration
- Large opening angle
- Position sensors

- No maintenance
- Very short cycle time
- Excellent power/volume ratio
- Low air consumption



expertise in connectivity