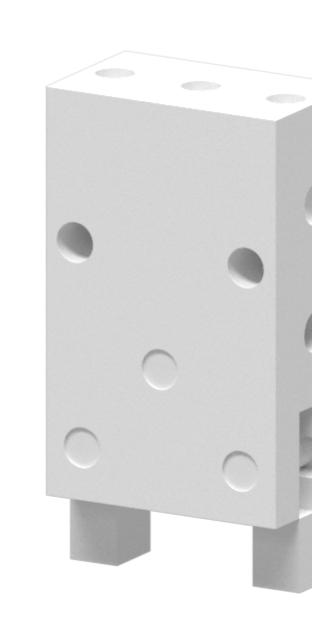
Gripper | Parallel 2 jaws | CHT502





CHT502

Course 4 mm

Air consumption 310 mm³

Function Double effet

Max cycle per minute 90 cycles

Gripping force* 44.000 N Weight 0.040 kg

Max. weight of one attachment 0.015 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)

3-Jaws Parallel type Cylindrical Gripper, stroke from 4 to 25mm

*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.

Moreover, CHT500 Series offers various mounting possibility thanks to their 2 air connection (side, top), their jaws that can receive attachments on all side and their 4 sensors mounting positions.

These grippers are adapted for use in clean rooms.



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