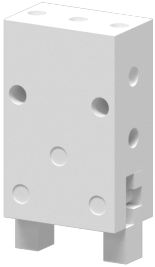

This 3-jaws gripper receives a compact design while offering long strokes.

Feature

	CHT506
Course	10 mm
Air consumption	4500 mm³
Function	Double effet
Max cycle per minute	90 cycles
Gripping force*	182.000 N
Weight	0.242 kg
Max. weight of one attachment	0.080 kg
Type	Parallel 3 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 : ± 0.1 mm, after 2 million cycles : ± 0.2 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

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

Benefits

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