



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

 Feature

CHT504	
Course	6 mm
Air consumption	1200 mm ³
Function	Double effet
Max cycle per minute	90 cycles
Gripping force*	95.000 N
Weight	0.100 kg
Max. weight of one attachment	0.040 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



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