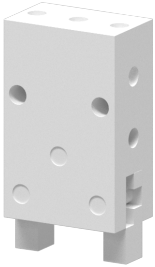

This compact gripper proposes long stroke and large gripping forces. It is particularly adapted for the applications requiring long gripping fingers.

Feature

	CHP235-A-100-NF
Course	100 mm
Air consumption	38000 mm³
Function	Normal closed
Max cycle per minute	60 cycles
Gripping force*	242.000 N
Weight	2.400 kg
Max. weight of one attachment	0.500 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 : ± 0.1 mm, after 2 million cycles : ± 0.2 mm
Lifetime	2 million cycles (with balanced load on each finger)

PARALLEL TYPE CUBE GRIPPER, STROKE FROM 6 TO 60MM

*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.

Each of the 6 series model provides 2 kinds of stroke and 2 different jaws orientation (horizontal and vertical). These grippers are equipped with dust seals and allow magnetic sensors installation on their body.

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