



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

Feature

CHP231-B-20-NF	
Course	20 mm
Air consumption	1250 mm ³
Function	Normal closed
Max cycle per minute	60 cycles
Gripping force*	27.000 N
Weight	0.200 kg
Max. weight of one attachment	0.050 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



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