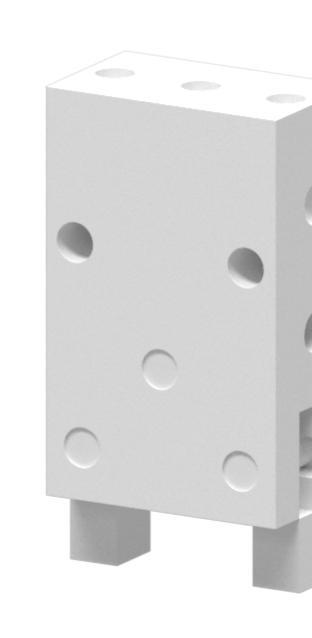
Gripper | Parallel 2 jaws | CHP235-B-50-NF





CHP235-B-50-NF

Course 50 mm

Air consumption 19000 mm³

Function Normal closed

Max cycle per minute 60 cycles Gripping force* 242.000 N

Weight 2.010 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 : \pm 0.1 mm, after 2 million cycles : \pm

 $0.2 \; \text{mm}$

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



Renefits

- 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



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