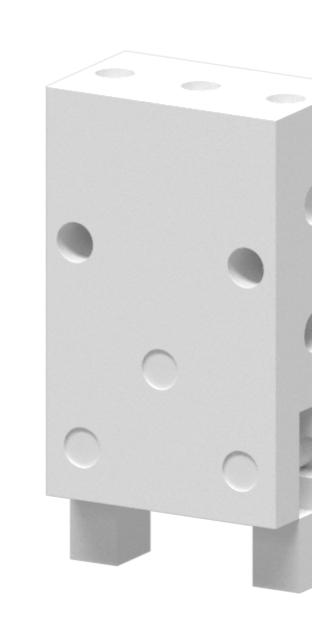
## **Gripper | Parallel 3 jaws | CH83**





**CH83** 

Course 10 mm

7800 mm<sup>3</sup> Air consumption **Function** Double effet

Max cycle per minute 90 cycles

**Gripping force\*** 348,000 N

Weight 0.720 kg

Max. weight of one attachment 0.080 kg

Parallel 3 jaws **Type** 



## **Operating conditions**

Working media Filtered air

**Operating** 

pressure

Working temperature 3 to 7 bar

5 to 60°C

Normally not required (but if necessary, use Lubrication

ISOVG32 compliant lubricant)

Initial value :  $\pm$  0.1 mm, after 2 million cycles :  $\pm$ Repeatability\*

 $0.2 \, \mathrm{mm}$ 

2 million cycles (with balanced load on each Lifetime

finger)

## Compact 3-Jaws Parallel type Cylindrical Gripper, stroke from 6 to 10mm

\*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.

They are suited to receives long attachments thanks to fingers guide length.



Advantages



Benefits

- 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



## expertise in connectivity