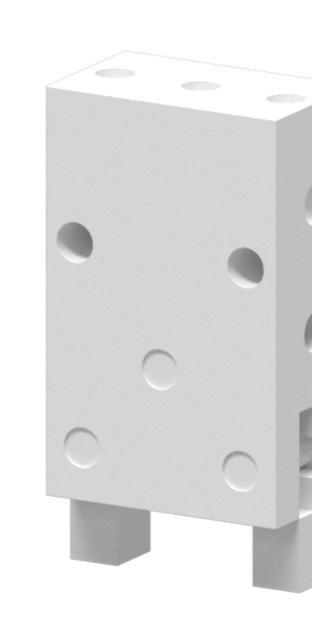
Gripper | Parallel 3 jaws | CH81





CH81

Course 6 mm

Air consumption 1400 mm³

Function Double effet

Max cycle per minute 90 cycles

Gripping force* 82.000 N

Weight 0.210 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 : \pm 0.1 mm, after 2 million cycles : \pm

0.2 mm

Lifetime 2 million cycles (with balanced load on each

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