

variables/V-color

Gripper | Angular 2 jaws | CH21





Feature

CH21

Course	20-10°
Air consumption	5000 mm ³
Function	Normal open
Max cycle per minute	60 cycles
Gripping force*	19.000 N
Weight	0.100 kg
Type	Angular 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)

Angular Type Small Gripper, angle 20~-10°

*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.

These grippers are equipped with O-ring connection which allows mounting several grippers in parallel. The optionnal mounting support can ease its mechanical integration.



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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