



This thin type gripper has synchronized fingers for opening and closing operations thanks to a cam guided by a roller. Consequently, these grippers allow accurate operations even when long attachments are mounted.

They can be mounted with the available tapered holes or with a dedicated mounting support allowing easy adjustment and positioning.

## Feature

CH73-NF	
Course	8 mm
Air consumption	1400 mm <sup>3</sup>
Function	Normal closed
Max cycle per minute	90 cycles
Gripping force*	137.000 N
Weight	0.240 kg
Max. weight of one attachment	0.100 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 : $\pm 0.2$ mm
Lifetime	2 million cycles (with balanced load on each finger)

# PARALLEL TYPE SMALL 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.

Our wide range of 2-jaws parallel grippers can be used for chucking extremely small parts to biggest ones. Indeed, NKE 2-jaws grippers are available in various sizes, gripping forces and strokes.



## 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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