

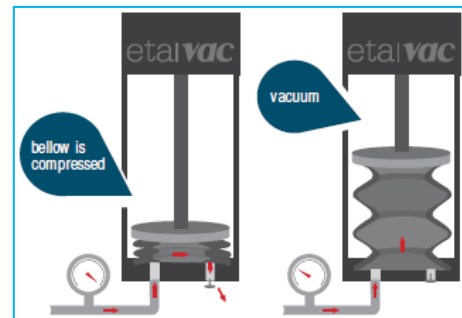
Vacuum gripper without compressed air

General description

The patented **etalvac** technology produces a decentralized vacuum by increasing the volume of a bellows. The volume increase is realized with the help of an efficient linear motor to produce a vacuum without compressed air.

Mode of operation

The vacuum is generated by increasing the volume of a bellows in direct connection with the workpiece. The decreasing of a bellows' volume allows it to deliver the previously sucked workpiece quickly and safely.



Application Area

The **etalvac** SH-ZPN is used in automated processes for the handling of workpieces with smooth surfaces and up to a maximum weight of 500 g. The integrated controller can be actuated directly via digital signals, for example a PLC.

Technical Data

Parameter	Unit	Description/ Specificationon
Vacuum volume of the bellows max.	[cm ³]	9,5
Vacuum max.	[%]	40
Adapter suction cup, standard		M5 or 1/8"
Dimensions, LxWxH	[mm]	125x80x43
Power supply/ activation	[V]	24
Energy demand max.	[W]	4
Weight	[kg]	0,34 (without holder and suction cup)

Your product benefits:

- Significant reduction of working costs
- Significant reduction of noise level
- Decentralized vacuum generation close to the application
- Integration in DIN EN ISO 50001 actions
- Environmental protection by reduced energy consumption
- Protection class IP 65

Items delivered

- ✓ etalvac SH-ZPN
- ✓ Suction cup
- ✓ Standard and cross holder

Optional accessories

- ✓ IP 65 (M8) connector with wire of 5 m
- ✓ Multiway adapter for suction cups
- ✓ Different mounts