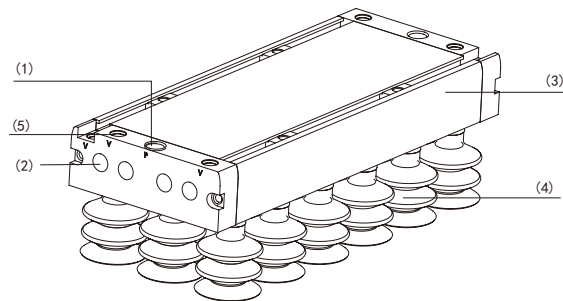


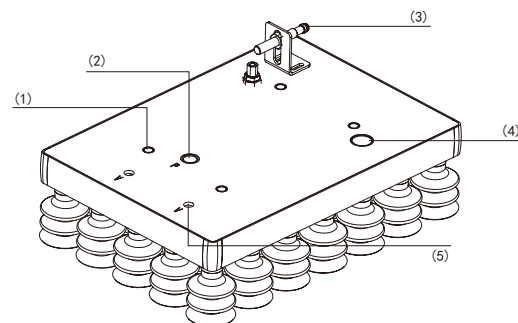
► Appearance design



HVGW120 Palletizing Vacuum Gripper

Product structure

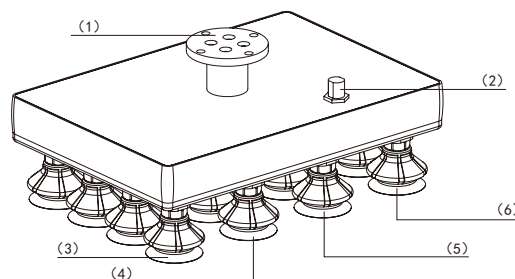
- (1) Compressed Air Inlet
- (2) Muffled Exhaust Port
- (3) Aluminum Profiles, Customizable
- (4) Suction Cup
- (5) Inspection Port



HVGW Palletizing Vacuum Gripper

Product structure

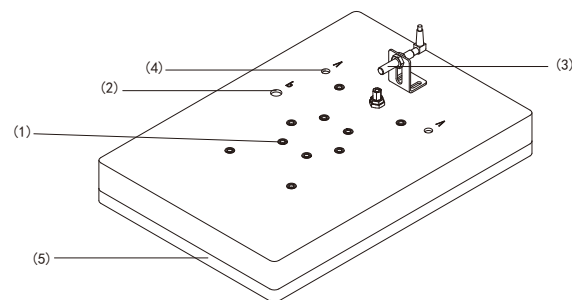
- (1) Suction Gripper Mounting Hole
- (2) Compressed Air Inlet
- (3) Missing Component Detection
- (4) Reserved Port for Photoelectric Sensor
- (5) Inspection Port



ECP Electric Vacuum Gripper

Product structure

- (1) Mounting Hole
- (2) Electrical Port
- (3) Suction Cup Zone A
- (4) Suction Cup Zone B
- (5) Suction Cup Zone C
- (6) Suction Cup Zone D



HVGW Sponge Vacuum Gripper

Product structure

- (1) Suction Gripper Mounting Hole
- (2) Compressed Air Inlet
- (3) Missing Component Detection
- (4) Inspection Port
- (5) Sponge

Is widely compatible with: **ABB JAKA atomrobot ROKAE KUKA YASKAWA**    ...

HANVAC GmbH
Adress: Hundhausenstr 57, 41515, Grevenbroich, Germany
Phone: +4915756132698
Email: trade@han-vac.com
Website: www.hanvac.de

Hanwa Vacuum Technology (Wuxi) Co., Ltd.
Adress: No. 75, Youshen Road
Xishan Economic Development Zone, Wuxi
Phone: +86-510-82691991/82030660
Fax: +86-510-82610586
Email: sales@han-vac.com
Website: www.vhhtc.com

Special grippers for **RoHS** **HANVAC**

HVGW120 Palletizing Vacuum Gripper

Product Specifications 295/342/434



Lightweight
1.9KG

Longer Lifespan
2-Year Long Warranty

Weight
Reduction
45%

HVGW Palletizing Vacuum Gripper

Product Specifications 305X215 / 435X335



High Load Capacity
30KG

ECP Electric Vacuum Gripper

Product Specifications 264X184



NEW
No Air Supply
Required

Smarter Plug-and-Play
Multi-Zone 

Reduced
Air Consumption
30%

Low Air Consumption for Greater Economy

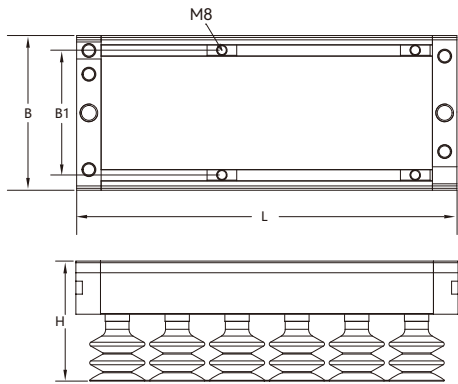
HVGW Sponge Vacuum Gripper

Product Specifications 380X260

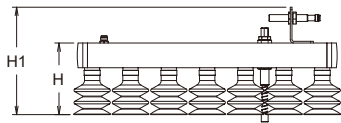
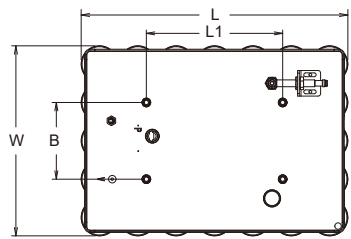


MORE
cost-effective

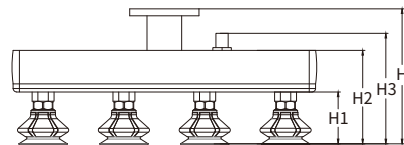
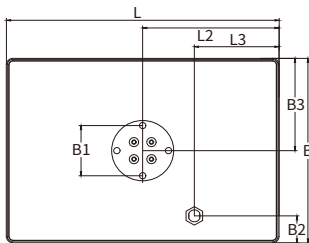
► Design parameters



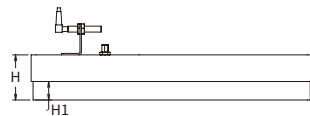
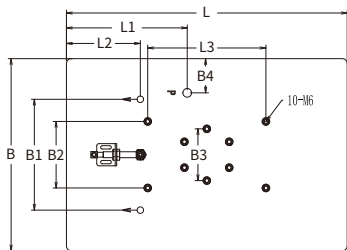
Dimensions[mm]				
Model	L	B	B1	H
HVGW120-295V	295	120	96.8	92.6
HVGW120-342V	342	120	96.8	92.6
HVGW120-434V	434	120	96.8	92.6



Dimensions[mm]						
Model	L	L1	W	B	H1	H
HVGW305X215V	313	160	223	90	126	84
HVGW435X335V	443	160	343	90	126	84



Dimensions[mm]											
Model	L	L1	L2	B	B1	B2	B3	H	H1	H2	H3
ECP-01-40L	264	82	132	184	50	27	92	117	45	81	96



Dimensions[mm]											
Model	L	L1	L2	L3	B	B1	B2	B3	B4	H	H1
HVGW380X260V	380	163.5	100	160	260	150	90	70	46.25	61	25

► Product comparison

	 HVGW120-295V-3S40-A	 HVGP130-295V-3S40-A
Number of Suction Cups	18	17
Weight	1.9KG	3KG
Maximum Load Capacity	18KG	17KG

	 HVGW305X215V-S40-A	 HVGP200-320V-5S40-A
Number of Suction Cups	35	28
Weight	2.5KG	4.3KG
Maximum Load Capacity	30KG	25KG

► Technical parameters

Model	Intake Pressure [Mpa]	Number of Suction Cups	Air Consumption [L/Min]	Maximum Vacuum Flow Rate [L/min]	Vacuum Level [KPa]	Suction Force [N(-60KPa)]	Weight [Kg]
HVGW120-295V	0.4~0.6	17	200	700	-60	231.2	1.9
HVGW120-342V	0.4~0.6	20	200	700	-60	272	2.2
HVGW120-434V	0.4~0.6	26	200	700	-60	353.6	2.6

Note: The suction force shown in the table above is the theoretical value obtained under the following conditions: complete coverage of the product, no safety factor considered, and rigid airtight workpieces.

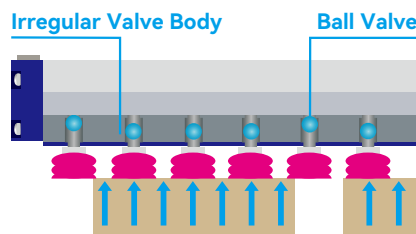
Model	Intake Pressure [Mpa]	Number of Suction Cups	Air Consumption [L/Min]	Maximum Vacuum Flow Rate [L/min]	Vacuum Level [KPa]	Suction Force [N(-60KPa)]	Weight [Kg]
HVGW305X215V	0.4~0.6	35	200	700	-50	343	2.5
HVGW435X335V	0.4~0.6	63	400	1400	-50	617.4	5.5

Note: The vacuum degree is a reference value. For the kPa value of vacuum suction tools (with built-in vacuum generators), please refer to the performance data of the actual vacuum source.

Model	Pressure Range [kPa]	Number of Suction Cups	Maximum Vacuum Flow Rate [L/min]	Vacuum Level [kPa]	Voltage [V/DC]	Power [W]	Weight [kg]
ECP-01-40L	-99~0	16	≥40	-70	22VDC -24VDC±2V	(Static)0.5(Operation)≤4	2.9

Model	Intake Pressure [Mpa]	Air Consumption [L/min]	Maximum Vacuum Flow Rate [L/min]	Vacuum Level [kPa]	Suction Force [KG]	Weight [kg]
HVGW380X260V	0.4~0.6	300	1050	-60	146	3

► Valve Technology



Check Valve Body Technology

- The aluminum profile integrates a mechanical check valve
- When the suction hole is not covered by the workpiece, the check valve automatically closes to maintain system vacuum, providing leak-proof functionality and improving handling efficiency and suction force
- An irregularly shaped valve body with an increased flow passage diameter allows for higher flow rates