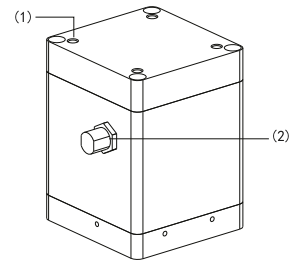


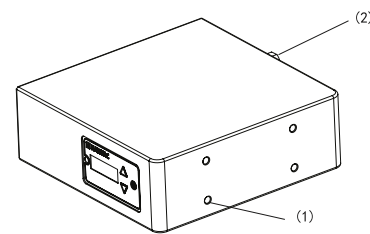
► Appearance design



ECP-01-1/ECP-01-3

Product Structure

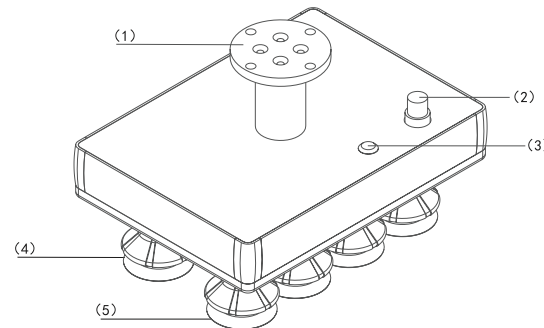
- (1) 4-M4 ∇ 8
- (2) Wiring Terminal



ECP-01-10

Product Structure

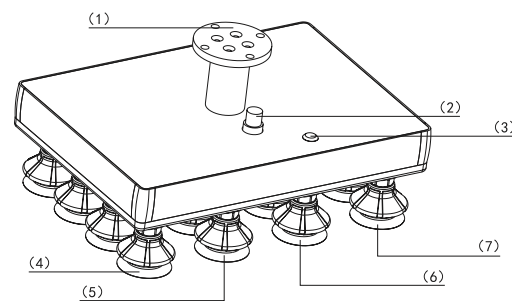
- (1) 4-M4 ∇ 8
- (2) Wiring Terminal



ECP-01-20

Product Structure

- (1) Mounting Holes
- (2) Electrical Port
- (3) Output Mode Switch Button
- (4) Suction Cup Zone A
- (5) Suction Cup Zone B



ECP-01-40

Product Structure

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

Widely compatible with: **ABB JAKA atomrobot ROKAE KUKA YASKAWA**       ...

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

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Tel: +86-510-82691991 / 82030660
Fax: +86-510-82610586
Email: sales@han-vac.com
Website: www.vhhtc.com

Electric Vacuum Gripper Series HANVAC

RoHS  

ECP-01-1/ECP-01-3

Product Specifications 52X55



Intelligent Detection
Anti-Stick

ECP-01-10

Product Specifications 107.6X37



Multi-Stage Combination
Wide Application

ECP-01-20

Product Specifications 205X150



NEW:
NO compressed
air required

NO compressed air required

0%

NO compressed air required

ECP-01-40

Product Specifications 262X182

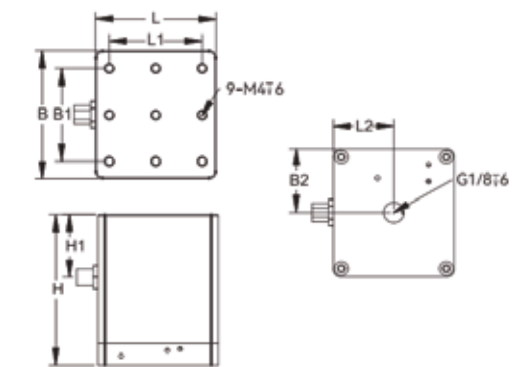


More Cost
-Effective

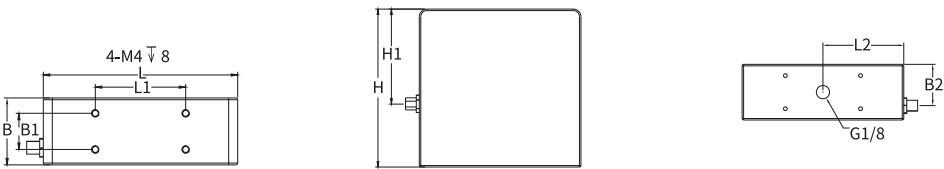
Plug and Play,
More Intelligent
Multi-Zone 

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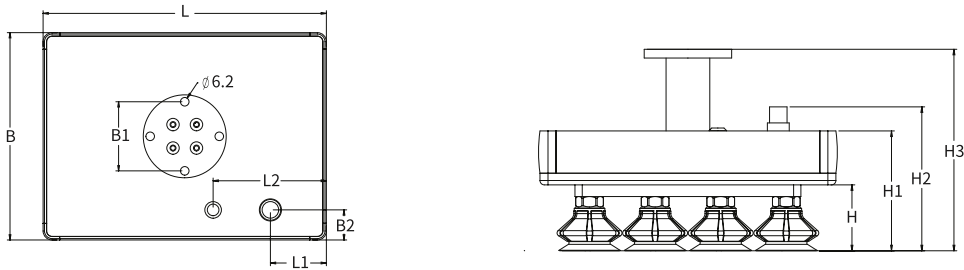
► Design parameters



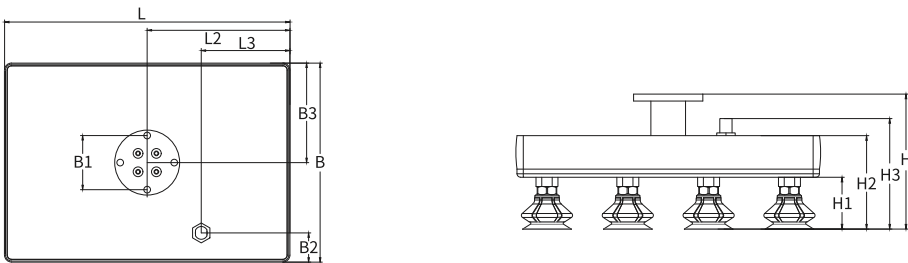
Size[mm]	L	L1	L2	B	B1	B2	H	H1
Model								
ECP-01-1/ECP-01-1R	52	40	26	55	40	27.5	65	27
ECP-01-3/ECP-01-3R	52	40	26	55	40	27.5	65	27



Size[mm]	L	L1	L2	B	B1	B2	H	H1
Model								
ECP-01-10/ECP-01-10R	107.6	50	53.8	37	20	27.4	105	63.2



Size[mm]	L	L1	L2	B	B1	B2	H	H1	H2	H3
Model										
ECP-01-20	205	40.5	82	150	50	21.8	45.2	82.2	98.7	138.2



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

► Product comparison

Suction Cup Quantity Self Weight	 ECP-01-1/ECP-01-3 1pc 0.25KG/0.28KG	 ECP-01-10 1pc 0.42KG
	 ECP-01-20 8pc 1.7KG	 ECP-01-40 16pc 2.9KG

► Technical parameters

Model	Pressure Range [Kpa]	Maximum Vacuum [L/min]	Vacuum Flow Rate [L/min]	Voltage [V/DC]	Power [W]	Weight [Kg]
ECP-01-1/ECP-01-1R	-99~0	-70	1	24	1	0.25
ECP-01-3/ECP-01-3R	-99~0	-55	3	24	2	0.28

Note: The suction force values in the above table are the theoretical values obtained under the conditions of complete product coverage, without considering safety factors, and with rigid, airtight workpieces.

Model	Pressure Range [Kpa]	Maximum Vacuum [L/min]	Vacuum Flow Rate [L/min]	Voltage [V/DC]	Power [W]	Weight [Kg]
ECP-01-10/ECP-01-10R	-99~0	-75	10	24	18	0.42

Note: The vacuum level is for reference only. For the KPa value of vacuum suction tools (with built-in vacuum generator), please refer to the actual performance data of the vacuum source.

Model	Pressure Range [Kpa]	Vacuum level [kPa]	Maximum Vacuum [L/min]	Voltage [V/DC]	Powe [W]	Weight [kg]
ECP-01-20	-99~0	-70	≥20	22VDC -24VDC±2V	(Static) 0.5 (Running) ≤20	1.7

Model	Pressure Range [Kpa]	Vacuum level [kPa]	Maximum Vacuum [L/min]	Voltage [V/DC]	Powe [W]	Weight [kg]
ECP-01-40	-99~0	-70	≥40	22VDC -24VDC±2V	(Static) 0.5 (Running) ≤70	2.9

► Wiring Diagram

Circuit Wiring Diagram

RL/PNP Load Connection: Connect the output OUT to the power supply GND.
RL/NPN Load Connection: Connect the output OUT to the power supply VCC.
Control input I/O can select PNP/NPN signal.

