

# EGP130-F-E Sponge Gripper(External Vacuum Source)

## EGP130-F-E

Sponge Gripper(External Vacuum Source)



### Product Features

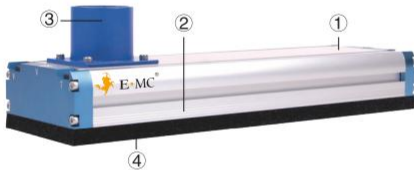
- Suitable for different industry products grabbing, meet various specifications.
- Flexible selection of standard or customized gripper, suction of different sizes can be freely combined and used.
- Optional self-closing valve technology can solve workpieces with large vacuum leakage, uneven surface, different sizes and geometric shapes.
- Vacuum source can be connected to an external vacuum generator, suitable for using with electrically driven vacuum devices (blowers or vacuum pumps).
- Modular design for easy maintenance.
- The interface is reserved, functional components can be directly added to the gripper, optimize the process, environmental protection and energy saving.
- The material is aluminum alloy, factory plastic and carbon fiber composite material, which has the characteristics of high strength and light weight.
- Easy to install, with T-type removable mounting slider, available for fixing grippers as well as for mounting sensors.
- Rubber gasket accessory for quick replacement.

### How to Order?

Series No.	Gripper Width	Gripper Length	Valve Technology	Suction-hole Type	Gasket Thickness Type	Vacuum Source
EGP: Vacuum gripper	130:130mm	262:262mm 316:316mm 352:352mm 442:442mm 550:550mm 640:640mm 712:712mm 838:838mm 910:910mm 1000:1000mm 1234:1234mm 1432:1432mm	V:Self-closing valve L:Flow valve S:High-speed valve	3F:Three rows oval hole 5F:Five rows oval hole 4F:Five rows round hole 1F:Two rows oval hole	10: 10mm 15: 15mm 20: 20mm 30: 30mm 10F10: With filter function 15F15: With filter function M: Traceless type	E:Connection interface for external vacuum generator

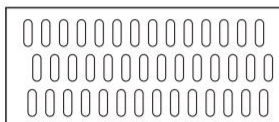
**Order Example** EGP vacuum gripper, gripper width 130mm, gripper length 1234mm, self-closing valve, three rows oval hole, gasket thickness 20mm, connection interface for external vacuum generator. EPR code is: EGP130-1234V-3F20-E

### Product Structure

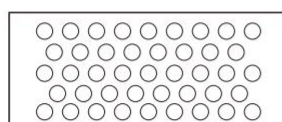


- ① Gripper body: the material is reinforced aluminum alloy
- ② Built-in valve body technology optional: self-closing valve, flow valve, high-speed valve
- ③ Connecting port for external vacuum generator
- ④ Suction-hole type optional: universal type, customized type

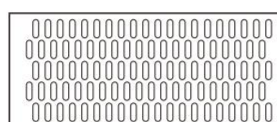
### Suction-hole Type



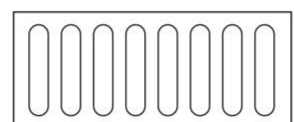
EGP130 standardized suction-hole type  
Type:3F  
universal type



EGP130 customized suction-hole type  
Type:4F  
Customized type



EGP130 customized suction-hole type  
Type:5F  
Customized type



EGP130 customized suction-hole type  
Type:1F  
Customized type

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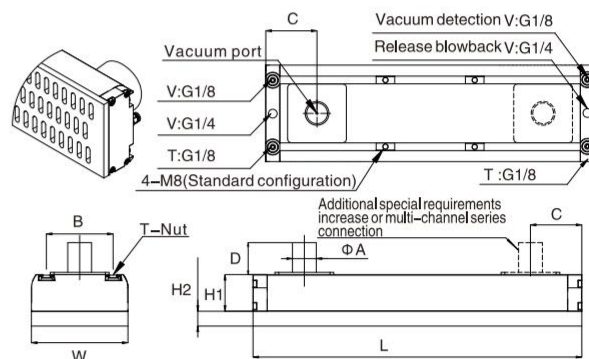
## Performance Parameter

Model	Suction-hole Type	Hole number	Required Pumping Volume ( L/min )	Vacuum Degree (kPa)	Suction Force N(-40kPa)	Weight (kg)
EGP130-262V-3F□-E	3F	36	110	40	262	2.2
EGP130-316V-3F□-E	3F	45	150	40	328	2.4
EGP130-352V-3F□-E	3F	51	220	40	371	2.6
EGP130-442V-3F□-E	3F	66	300	40	480	3
EGP130-550V-3F□-E	3F	84	390	40	611	3.4
EGP130-640V-3F□-E	3F	99	450	40	721	3.8
EGP130-712V-3F□-E	3F	111	510	40	808	4.2
EGP130-838V-3F□-E	3F	132	600	40	961	4.8
EGP130-910V-3F□-E	3F	144	680	40	1048	4.9
EGP130-1000V-3F□-E	3F	159	750	40	1157	5.2
EGP130-1234V-3F□-E	3F	198	900	40	1441	6.8
EGP130-1432V-3F□-E	3F	231	1050	40	1682	8.1
EGP130-295V-4F□-E	4F	53	150	40	326	2.6
EGP130-434V-4F□-E	4F	83	300	40	511	3.3
EGP130-572V-4F□-E	4F	113	400	40	696	3.8
EGP130-711V-4F□-E	4F	143	510	40	881	4.5
EGP130-849V-4F□-E	4F	173	600	40	1065	5.2
EGP130-988V-4F□-E	4F	203	750	40	1250	5.6
EGP130-1126V-4F□-E	4F	233	850	40	1435	7
EGP130-1256V-4F□-E	4F	263	950	40	1619	7.4
EGP130-1403V-4F□-E	4F	293	1050	40	1804	8.5
EGP130-1542V-4F□-E	4F	323	1250	40	1989	9.1
EGP130-262V-5F□-E	5F	60	110	40	191	2.2
EGP130-316V-5F□-E	5F	75	150	40	239	2.4
EGP130-352V-5F□-E	5F	85	220	40	271	2.6
EGP130-442V-5F□-E	5F	110	300	40	350	3
EGP130-550V-5F□-E	5F	140	390	40	446	3.4
EGP130-640V-5F□-E	5F	165	450	40	526	3.8
EGP130-712V-5F□-E	5F	185	510	40	589	4.2
EGP130-838V-5F□-E	5F	220	600	40	701	4.8
EGP130-910V-5F□-E	5F	245	680	40	780	4.9
EGP130-1000V-5F□-E	5F	265	750	40	844	5.2
EGP130-1234V-5F□-E	5F	330	900	40	1051	6.8
EGP130-1432V-5F□-E	5F	385	1050	40	1226	8.1

## Main Dimension

Dimension: [mm]

Model	A	B	C	D	H1	H2(□□)	W	L
EGP130-262V-3F□-E	60(32)	90	69	54	50	10 15 20	130	262
EGP130-316V-3F□-E	60(32)	90	69	54	50	10 15 20	130	316
EGP130-352V-3F□-E	60(32)	90	69	54	50	10 15 20	130	352
EGP130-442V-3F□-E	60(32)	90	69	54	50	10 15 20	130	442
EGP130-550V-3F□-E	60(32)	90	69	54	50	10 15 20	130	550
EGP130-640V-3F□-E	60(32)	90	69	54	50	10 15 20	130	640
EGP130-712V-3F□-E	60(32)	90	69	54	50	10 15 20	130	712
EGP130-838V-3F□-E	60(32)	90	69	54	50	10 15 20	130	838
EGP130-910V-3F□-E	60(32)	90	69	54	50	10 15 20	130	910
EGP130-1000V-3F□-E	60(32)	90	69	54	50	10 15 20	130	1000
EGP130-1234V-3F□-E	60(32)	90	69	54	50	10 15 20	130	1234
EGP130-1432V-3F□-E	60(32)	90	69	54	50	10 15 20	130	1432

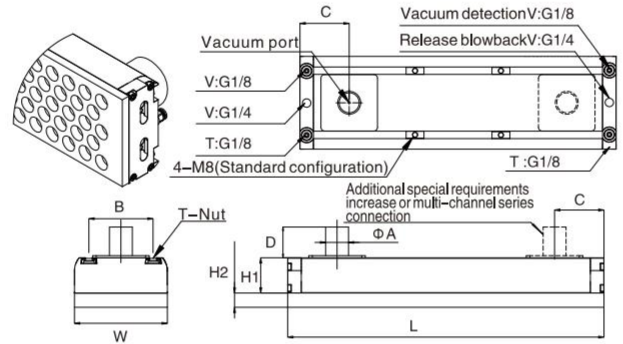


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## Main Dimension

Dimension: [mm]

Model	A	B	C	D	H1	H2(□□)	W	L
EGP130-295V-4F□-E	60(32)	90	69	54	50	10 15 20	130	295
EGP130-434V-4F□-E	60(32)	90	69	54	50	10 15 20	130	434
EGP130-572V-4F□-E	60(32)	90	69	54	50	10 15 20	130	572
EGP130-711V-4F□-E	60(32)	90	69	54	50	10 15 20	130	711
EGP130-849V-4F□-E	60(32)	90	69	54	50	10 15 20	130	849
EGP130-988V-4F□-E	60(32)	90	69	54	50	10 15 20	130	988
EGP130-1126V-4F□-E	60(32)	90	69	54	50	10 15 20	130	1126
EGP130-1256V-4F□-E	60(32)	90	69	54	50	10 15 20	130	1256
EGP130-1403V-4F□-E	60(32)	90	69	54	50	10 15 20	130	1403
EGP130-1542V-4F□-E	60(32)	90	69	54	50	10 15 20	130	1542



Dimension: [mm]

Model	A	B	C	D	H1	H2(□□)	W	L
EGP130-262V-5F□-E	60(32)	90	69	54	50	10 15 20	130	262
EGP130-316V-5F□-E	60(32)	90	69	54	50	10 15 20	130	316
EGP130-352V-5F□-E	60(32)	90	69	54	50	10 15 20	130	352
EGP130-442V-5F□-E	60(32)	90	69	54	50	10 15 20	130	442
EGP130-550V-5F□-E	60(32)	90	69	54	50	10 15 20	130	550
EGP130-640V-5F□-E	60(32)	90	69	54	50	10 15 20	130	640
EGP130-712V-5F□-E	60(32)	90	69	54	50	10 15 20	130	712
EGP130-838V-5F□-E	60(32)	90	69	54	50	10 15 20	130	838
EGP130-910V-5F□-E	60(32)	90	69	54	50	10 15 20	130	910
EGP130-1000V-5F□-E	60(32)	90	69	54	50	10 15 20	130	1000
EGP130-1234V-5F□-E	60(32)	90	69	54	50	10 15 20	130	1234
EGP130-1432V-5F□-E	60(32)	90	69	54	50	10 15 20	130	1432

