

# EGP130-F-A Sponge Gripper(Built-In Vacuum Source)



## EGP130-F-A

Sponge Gripper(Built-In 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 uses a built-in plug-in vacuum generator, lower air consumption, greater vacuum flow, shorter vacuum build-up time
- Integrated plug-in vacuum generating device, which can be individually configured and quickly disassembled according to changing working conditions
- 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, engineering plastic and carbon fiber composite material, which is high strength and light weight
- Easy to install, with T-type removable mounting slider, available for fixing grippers as well as for mounting or 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 190:190mm 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	A:Built-in vacuum generator

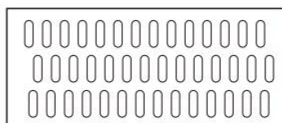
**Order Example:** EGP vacuum gripper, gripper width 130mm, gripper length 1234mm, self-closing valve, three rows oval hole, gasket thickness 20mm, built-in vacuum generator. EPR code is: EGP130-1234V-3F20-A

### Product Structure

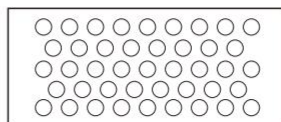


- ① Gripper body: the material is reinforced aluminum alloy
- ② Built-in valve body technology optional: self-closing valve, flow valve, high-speed valve
- ③ Built-in vacuum generator: low-consumption and energy-saving multi-stage injection technology
- ④ Suction-hole type optional: universal type, customized type

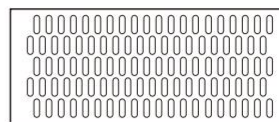
### Suction-hole Type



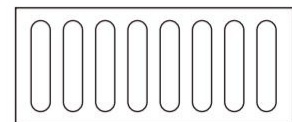
EGP130 standardized suction-hole type  
Type:3F  
universal type



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



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



EGP130 customized suction-hole type  
Type:  
Customized type

EGP130-F-A

# EGP130-F-A Sponge Gripper(Built-In Vacuum Source)

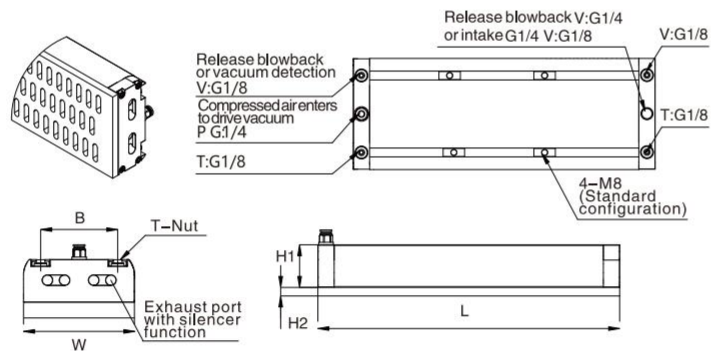
## Performance Parameter

Model	Suction-hole Type	Hole number	Supply Gas Pressure(Bar)	Gas Consumption (L/min)	Vacuum Degree (kPa)	Vacuum Flow (L/min)	Suction Force N(-60kPa)	Weight (kg)
EGP130-190V-3F□-A	3F	24	4~6	100	-60	350	336	2
EGP130-262V-3F□-A	3F	36	4~6	100	-60	350	393	2.5
EGP130-316V-3F□-A	3F	45	4~6	100	-60	350	491	2.7
EGP130-352V-3F□-A	3F	51	4~6	200	-60	700	557	2.9
EGP130-442V-3F□-A	3F	66	4~6	200	-60	700	721	3.3
EGP130-550V-3F□-A	3F	84	4~6	300	-60	1050	917	3.7
EGP130-640V-3F□-A	3F	99	4~6	300	-60	1050	1081	4.1
EGP130-712V-3F□-A	3F	111	4~6	300	-60	1050	1212	4.5
EGP130-838V-3F□-A	3F	132	4~6	300	-60	1050	1441	5.1
EGP130-910V-3F□-A	3F	144	4~6	400	-60	1400	1572	5.4
EGP130-1000V-3F□-A	3F	159	4~6	400	-60	1400	1736	5.7
EGP130-1234V-3F□-A	3F	198	4~6	600	-60	2100	2162	7.3
EGP130-1432V-3F□-A	3F	231	4~6	800	-60	2100	2522	8.6
EGP130-190 V-4F□-A	4F	30	4~6	100	-60	350	406	2
EGP130-295V-4F□-A	4F	53	4~6	100	-60	350	490	2.6
EGP130-434V-4F□-A	4F	83	4~6	200	-60	600	767	3.3
EGP130-572V-4F□-A	4F	113	4~6	300	-60	1050	1044	3.8
EGP130-711V-4F□-A	4F	143	4~6	300	-60	1050	1321	4.5
EGP130-849 V-4F□-A	4F	173	4~6	400	-60	1400	1598	5.2
EGP130-988V-4F□-A	4F	203	4~6	400	-60	1400	1875	5.6
EGP130-1126V-4F□-A	4F	233	4~6	600	-60	2100	2152	7.0
EGP130-1265V-4F□-A	4F	263	4~6	600	-60	2450	2429	7.4
EGP130-1403V-4F□-A	4F	293	4~6	600	-60	2450	2606	8.5
EGP130-1542V-4F□-A	4F	323	4~6	800	-60	2800	2983	9.1
EVGP130-262V-5F□-A	5F	60	4~6	100	-60	350	365	2.5
EVGP130-316V-5F□-A	5F	75	4~6	200	-60	600	456	2.7
EVGP130-352V-5F□-A	5F	85	4~6	200	-60	600	517	2.9
EVGP130-442V-5F□-A	5F	110	4~6	300	-60	1050	669	3.3
EVGP130-550V-5F□-A	5F	140	4~6	400	-60	1400	852	3.7
EVGP130-640V-5F□-A	5F	165	4~6	400	-60	1400	1004	4.1
EVGP130-712V-5F□-A	5F	185	4~6	400	-60	1400	1126	4.5
EVGP130-838V-5F□-A	5F	220	4~6	400	-60	1400	1339	5.1
EVGP130-910V-5F□-A	5F	245	4~6	600	-60	2100	1460	5.4
EVGP130-1000V-5F□-A	5F	265	4~6	600	-60	2450	1613	5.7
EVGP130-1234V-5F□-A	5F	330	4~6	800	-60	2800	2008	7.3
EVGP130-1432V-5F□-A	5F	385	4~6	800	-60	2800	2343	8.6

## Main Dimension

Dimension: [mm]

Model	B	H1	H2(□□)	W	L
EGP130-190V-3F□-A	90	50	10 15	20 130	190
EGP130-262V-3F□-A	90	50	10 15	20 130	262
EGP130-316V-3F□-A	90	50	10 15	20 130	316
EGP130-352V-3F□-A	90	50	10 15	20 130	352
EGP130-442V-3F□-A	90	50	10 15	20 130	442
EGP130-550V-3F□-A	90	50	10 15	20 130	550
EGP130-640V-3F□-A	90	50	10 15	20 130	640
EGP130-712V-3F□-A	90	50	10 15	20 130	712
EGP130-838V-3F□-A	90	50	10 15	20 130	838
EGP130-910V-3F□-A	90	50	10 15	20 130	910
EGP130-1000V-3F□-A	90	50	10 15	20 130	1000
EGP130-1234V-3F□-A	90	50	10 15	20 130	1234
EGP130-1432V-3F□-A	90	50	10 15	20 130	1432



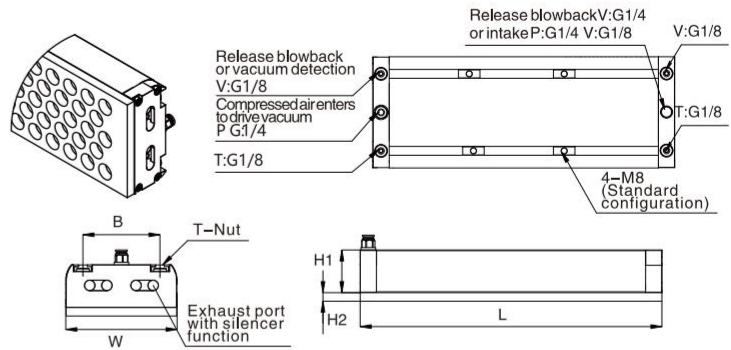
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## Main Dimension

Dimension: [mm]

Model	B	H1	H2(□□)		W	L
EGP130-190 V-4F□-A	90	50	10	15 20	130	190
EGP130-295V-4F□-A	90	50	10	15 20	130	295
EGP130-434V-4F□-A	90	50	10	15 20	130	434
EGP130-572V-4F□-A	90	50	10	15 20	130	572
EGP130-711V-4F□-A	90	50	10	15 20	130	711
EGP130-849V-4F□-A	90	50	10	15 20	130	849
EGP130-988V-4F□-A	90	50	10	15 20	130	988
EGP130-1126V-4F□-A	90	50	10	15 20	130	1126
EGP130-1265V-4F□-A	90	50	10	15 20	130	1265
EGP130-1403V-4F□-A	90	50	10	15 20	130	1403
EGP130-1542V-4F□-A	90	50	10	15 20	130	1542



Dimension: [mm]

Model	B	H1	H2(□□)		W	L
EVGP130-262V-5F□-A	90	50	10	15 20	130	262
EVGP130-316V-5F□-A	90	50	10	15 20	130	316
EVGP130-352V-5F□-A	90	50	10	15 20	130	352
EVGP130-442V-5F□-A	90	50	10	15 20	130	442
EVGP130-550V-5F□-A	90	50	10	15 20	130	550
EVGP130-640V-5F□-A	90	50	10	15 20	130	640
EVGP130-712V-5F□-A	90	50	10	15 20	130	712
EVGP130-838V-5F□-A	90	50	10	15 20	130	838
EVGP130-910V-5F□-A	90	50	10	15 20	130	910
EVGP130-1000V-5F□-A	90	50	10	15 20	130	1000
EVGP130-1234V-5F□-A	90	50	10	15 20	130	1234
EVGP130-1432V-5F□-A	90	50	10	15 20	130	1432

