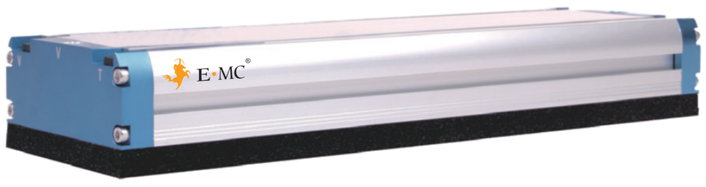
EGP130–F–A

Sponge Gripper(Built–In Vacuum Source



Product Features

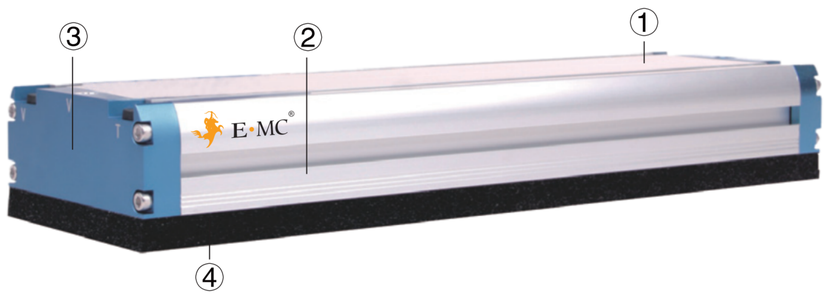
- Suitable for different industry products grabing, meet various specifications
- Flexible selection of standard or customized gripper, suction of different sizes can be freely combined and used
- Optional self–closing valve technology can solve workpieces with large vacuum leakage, uneven surface, different 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 Thickeness 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

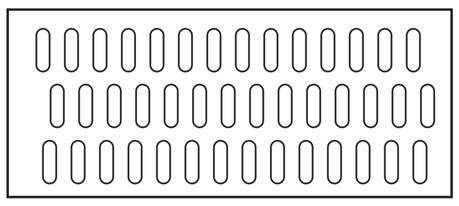
Order Example: EGP vacuum gripper,gripper width 130mm, gripper length 1234mm, self–closing valve, three rows oval hole, gasket thickness 20mm, built–in vacuum generator.EPR code is: EGP130–1234V–3F20–A

Product Structure

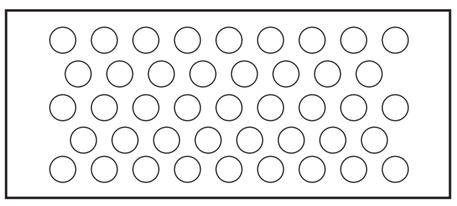


① Gripper body: the material is reinforced aluminum alloy
② Built–in valve body technology optional: self–closing valve, flow valve, high–speed valve
③ Built–in vacuum generator: low–consumption and energy–saving multi–stage injection technology
④ Suction–hole type optional: universal type, customized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

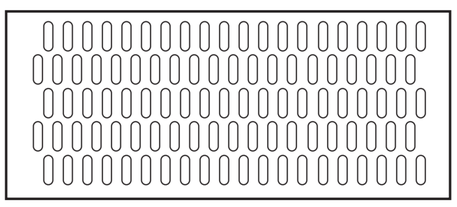
Suction–hole Type



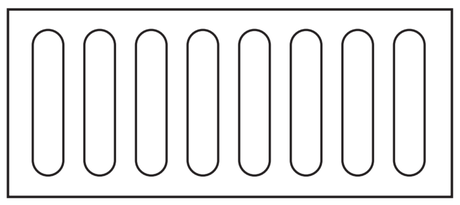
EGP130 standardized suction–hole type
Type:3F
universal type



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

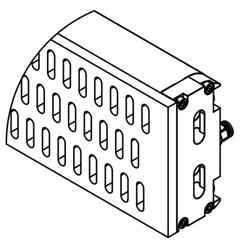
◎ Performance Parameter

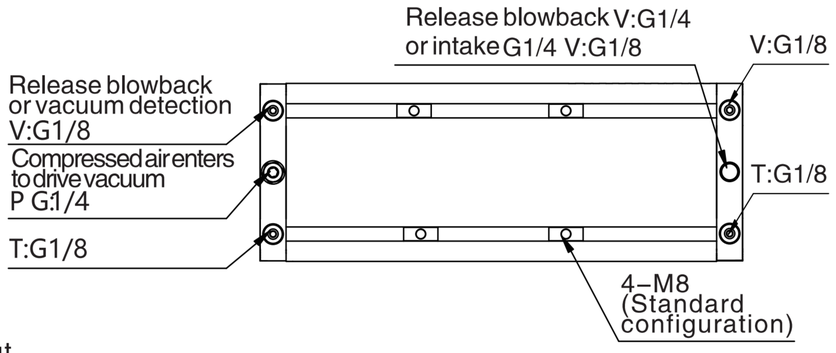
Model	Suction–hole Type	Hole number	Supply Gas Pressure(Bar)	Gas Consumption (L/min)	Vacuum Degree (kPa)	Vacuum Flow (L/min)	Suction Force N(–60kPa)	Weight (kg)
EGP130-190V-3F□-A	3F	24	4~6	100	–60	350	336	2
EGP130-262V-3F□-A	3F	36	4~6	100	–60	350	393	2.5
EGP130-316V-3F□-A	3F	45	4~6	100	–60	350	491	2.7
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

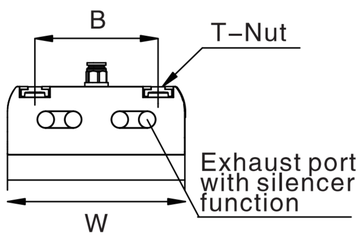
◎ Main Dimension

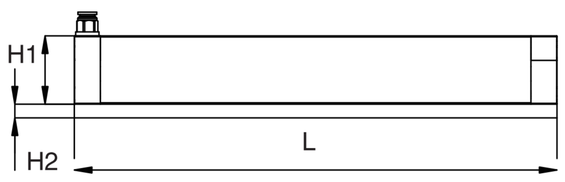
Dimension：[mm]

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





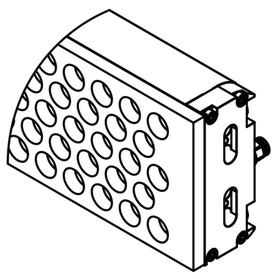


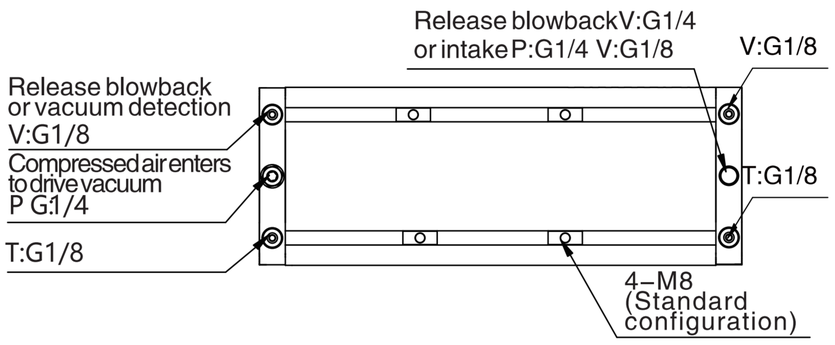


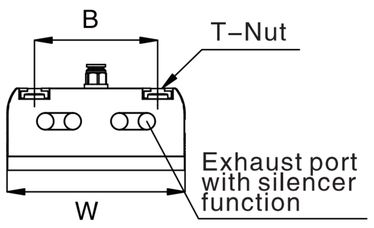
Main Dimension

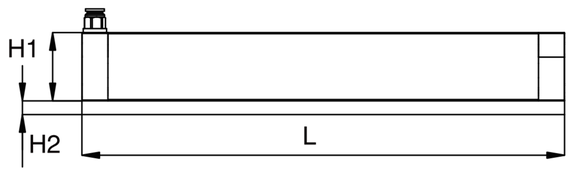
Dimension：[mm]

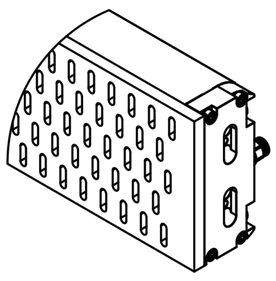
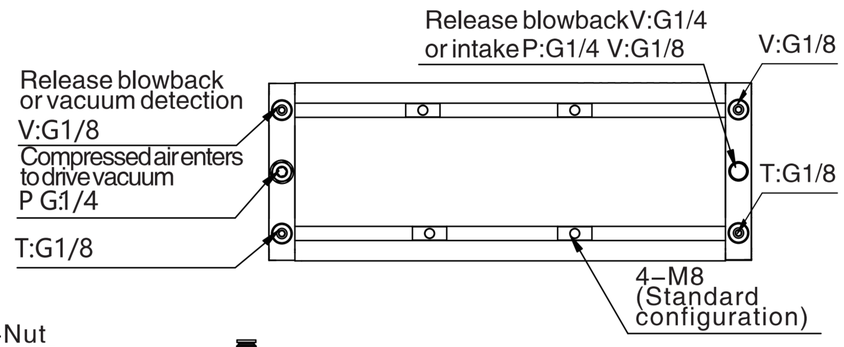
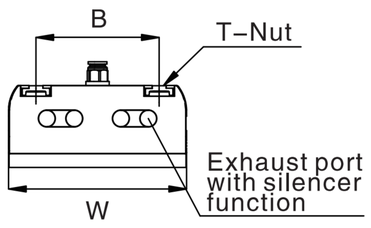
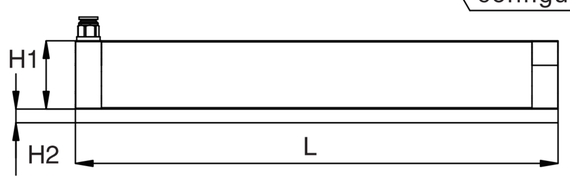
Model	B	H1	H2(□□)			W	L
EGP130-190 V- 4F□-A	90	50	10	15	20	130	190
EGP130-295V- 4F□-A	90	50	10	15	20	130	295
EGP130-434V- 4F□-A	90	50	10	15	20	130	434
EGP130-572V-4F□-A	90	50	10	15	20	130	572
EGP130-711V-4F□-A	90	50	10	15	20	130	711
EGP130-849V-4F□-A	90	50	10	15	20	130	849
EGP130-988V- 4F□-A	90	50	10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