

EGP60-F-E Vacuum Gripper(External Vacuum Source)

EGP60-F-E

Sponge Gripper(External Vacuum Source)



Product Features

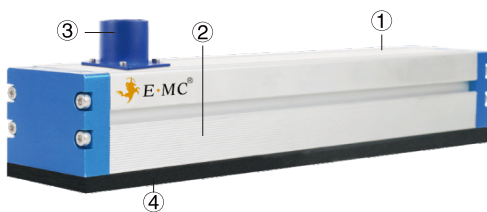
- Suitable for different industry products grabbing, meet various specifications.
- Flexible selection of standard or customized gripper, suction of different sizes can be freely combined and used.
- Optional self-closing valve technology can solve workpieces with large vacuum leakage, uneven surface, 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 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	60:60mm		V:Self-closing valve L:Flow valve S:High-speed valve		10:10mm 15:15mm 20:20mm 30:30mm 5F5:5mmWith filter function 10F10:10mmWith filter function 15F15:15mmWith filter function M:Traceless type	E: Connection interface for external vacuum generator
		320:320mm 420:420mm 520:520mm 620:620mm 720:720mm 820:820mm 920:920mm		3F:Three rows round hole 5F:Five round oval hole 1F:Two rows oval hole 2F:Two rows oval hole 4F:Two rows round hole		
		1020:1020mm 1120:1120mm 1220:1220mm 1320:1320mm 1420:1420mm 1520:1520mm				

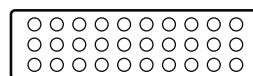
Order Example: EGP series vacuum gripper, gripper width 60mm, gripper length 520mm, self-closing valve, three rows round hole, gasket thickness 15mm, external vacuum generator. EPR code is: EGP60-520V-3F15-E

Product Structure

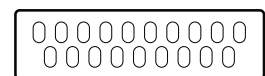


- ① Gripper body: the material is reinforced aluminum alloy
- ② Built-in valve body technology optional: self-closing valve, flow valve, high-speed valve
- ③ Connecting port for external vacuum generator
- ④ Suction-hole type optional: universal type, customized type

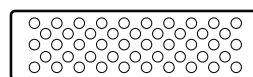
Suction-hole Type



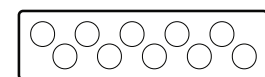
Standardized suction-hole type
Type:3F
Universal type



Standardized suction-hole type
Type:2F
Customized type



Standardized suction-hole type
Type:5F
Universal type



Standardized suction-hole type
Type:4F
Customized type



Standardized suction-hole type
Type:1F
Customized type

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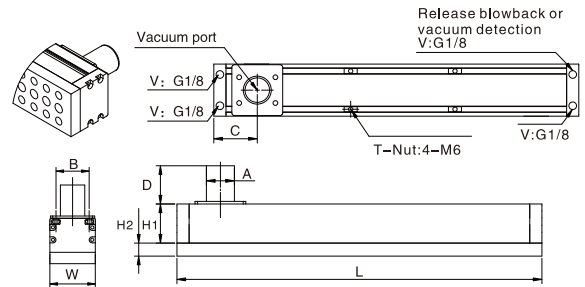
Performance Parameter

Model	Suction-hole Type	Hole number	Required Pumping Volume(min)	Vacuum Degree(kPa)	Suction Force N(-40kPa)	Weight(kg)
EGP60-320V-3F□-E	3F	45	150	-40	162	1
EGP60-420V-3F□-E	3F	60	300	-40	216	1.2
EGP60-520V-3F□-E	3F	75	390	-40	270	1.4
EGP60-620V-3F□-E	3F	90	450	-40	324	1.7
EGP60-720V-3F□-E	3F	105	510	-40	378	1.9
EGP60-820V-3F□-E	3F	120	510	-40	432	2.1
EGP60-920V-3F□-E	3F	135	600	-40	486	2.4
EGP60-1020V-3F□-E	3F	150	750	-40	540	2.6
EGP60-1120V-3F□-E	3F	165	900	-40	594	2.8
EGP60-1220V-3F□-E	3F	180	900	-40	648	3.1
EGP60-1320V-3F□-E	3F	195	900	-40	702	3.3
EGP60-1420V-3F□-E	3F	210	1050	-40	756	3.5
EGP60-1520V-3F□-E	3F	225	1250	-40	811	3.7
EGP60-320V-5F□-E	5F	73	150	-40	147	1
EGP60-420V-5F□-E	5F	98	300	-40	197	1.2
EGP60-520V-5F□-E	5F	123	390	-40	247	1.4
EGP60-620V-5F□-E	5F	148	450	-40	298	1.7
EGP60-720V-5F□-E	5F	173	510	-40	348	1.9
EGP60-820V-5F□-E	5F	198	510	-40	398	2.1
EGP60-920V-5F□-E	5F	223	600	-40	448	2.4
EGP60-1020V-5F□-E	5F	248	750	-40	499	2.6
EGP60-1120V-5F□-E	5F	273	900	-40	549	2.8
EGP60-1220V-5F□-E	5F	298	900	-40	599	3.1
EGP60-1320V-5F□-E	5F	323	900	-40	649	3.3
EGP60-1420V-5F□-E	5F	348	1050	-40	700	3.5
EGP60-1520V-5F□-E	5F	373	1250	-40	750	3.7

Main Dimension

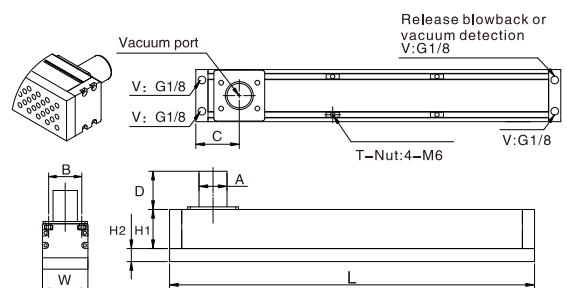
Dimension: [mm]

Model	A	B	C	D	H1	H2(□□)	W	L
EGP60-320V-3F□-E	60(32)	44	50	44	45	10 15 20	60	320
EGP60-420V-3F□-E	60(32)	44	50	44	45	10 15 20	60	420
EGP60-520V-3F□-E	60(32)	44	50	44	45	10 15 20	60	520
EGP60-620V-3F□-E	60(32)	44	50	44	45	10 15 20	60	620
EGP60-720V-3F□-E	60(32)	44	50	44	45	10 15 20	60	720
EGP60-820V-3F□-E	60(32)	44	50	44	45	10 15 20	60	820
EGP60-920V-3F□-E	60(32)	44	50	44	45	10 15 20	60	920
EGP60-1020V-3F□-E	60(32)	44	50	44	45	10 15 20	60	1020
EGP60-1120V-3F□-E	60(32)	44	50	44	45	10 15 20	60	1120
EGP60-1220V-3F□-E	60(32)	44	50	44	45	10 15 20	60	1220
EGP60-1320V-3F□-E	60(32)	44	50	44	45	10 15 20	60	1320
EGP60-1420V-3F□-E	60(32)	44	50	44	45	10 15 20	60	1420
EGP60-1520V-3F□-E	60(32)	44	50	44	45	10 15 20	60	1520



Dimension: [mm]

Model	A	B	C	D	H1	H2(□□)	W	L
EGP60-320V-5F□-E	60(32)	44	50	44	45	10 15 20	60	320
EGP60-420V-5F□-E	60(32)	44	50	44	45	10 15 20	60	420
EGP60-520V-5F□-E	60(32)	44	50	44	45	10 15 20	60	520
EGP60-620V-5F□-E	60(32)	44	50	44	45	10 15 20	60	620
EGP60-720V-5F□-E	60(32)	44	50	44	45	10 15 20	60	720
EGP60-820V-5F□-E	60(32)	44	50	44	45	10 15 20	60	820
EGP60-920V-5F□-E	60(32)	44	50	44	45	10 15 20	60	920
EGP60-1020V-5F□-E	60(32)	44	50	44	45	10 15 20	60	1020
EGP60-1120V-5F□-E	60(32)	44	50	44	45	10 15 20	60	1120
EGP60-1220V-5F□-E	60(32)	44	50	44	45	10 15 20	60	1220
EGP60-1320V-5F□-E	60(32)	44	50	44	45	10 15 20	60	1320
EGP60-1420V-5F□-E	60(32)	44	50	44	45	10 15 20	60	1420
EGP60-1520V-5F□-E	60(32)	44	50	44	45	10 15 20	60	1520



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