

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

EGP60-F-E

Sponge Gripper(External Vacuum Source)



Product Features

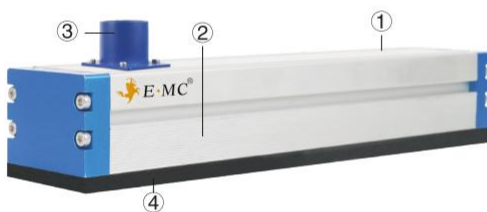
- Suitable for different industry products grabbing, meet various specifications.
- Flexible selection of standard or customized gripper, suction of different sizes can be freely combined and used.
- Optional self-closing valve technology can solve workpieces with large vacuum leakage, uneven surface,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

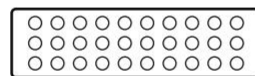
Order Example EGP series vacuum gripper, gripper width 60mm, gripper length 520mm, self-closing valve, three rows round hole, gasket thickness 15mm, external vacuum generator. EPR code is: EGP60-520V-3F15-E

Product Structure

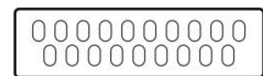


- ① Gripper body: the material is reinforced aluminum alloy
- ② Built-in valve body technology optional: self-closing valve, flow valve, high-speed valve
- ③ Connecting port for external vacuum generator
- ④ Suction-hole type optional: universal type, customized type

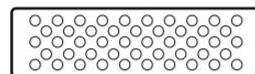
Suction-hole Type



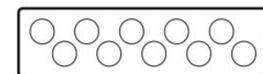
Standardized suction-hole type
Type:3F
Universal type



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

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



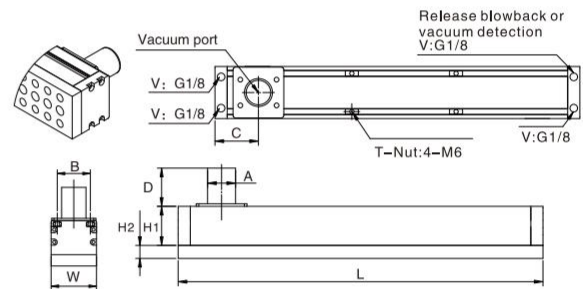
Performance Parameter

| 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 |

