

# EGP60-F-A Vacuum Gripper(Built-In Vacuum Source)

## EGP60-F-A

Vacuum Gripper(Built-In Vacuum Source)



### Product Features

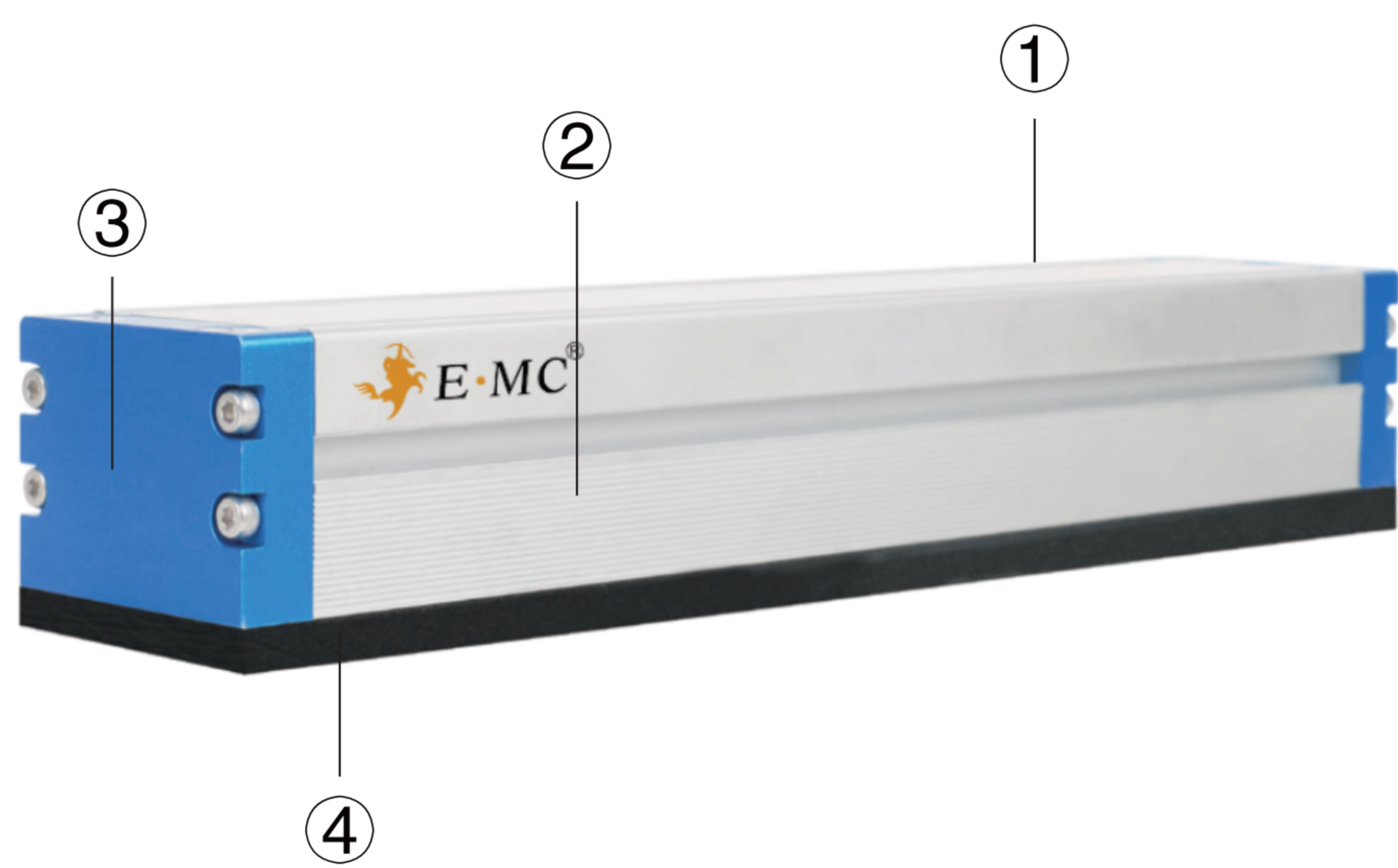
- Suitable for different industry products grabbing, meet various specifications.
- Flexible selection of standard or customized gripper, suction of different sizes can be freely combined and used.
- Optional self-closing valve technology can solve workpieces with large vacuum leakage, uneven surface, 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	60:60mm	320:320mm 420:420mm 520:520mm 620:620mm 720:720mm 820:820mm 920:920mm	V:Self-closing valve L:Flow valve S:High-speed valve	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	10:10mm 15:15mm 20:20mm 30:30mm 5F5:5mm With filter function 10F10:10mm With filter function 15F15:15mm With filter function M:Traceless type	A:Built-in vacuum generator

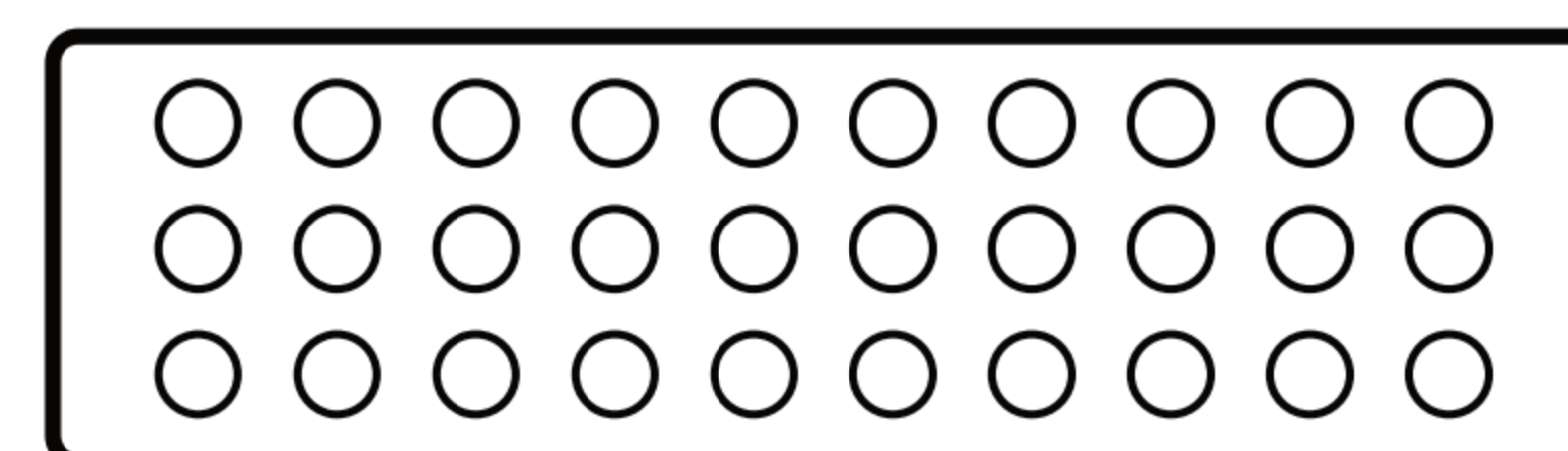
**Order Example:** EGP series vacuum gripper, gripper width 60mm, gripper length 520mm, self-closing valve, three rows round hole, gasket thickness 15mm, built-in vacuum source. EPR code is: EGP60-520V-3F15-A

### Product Structure

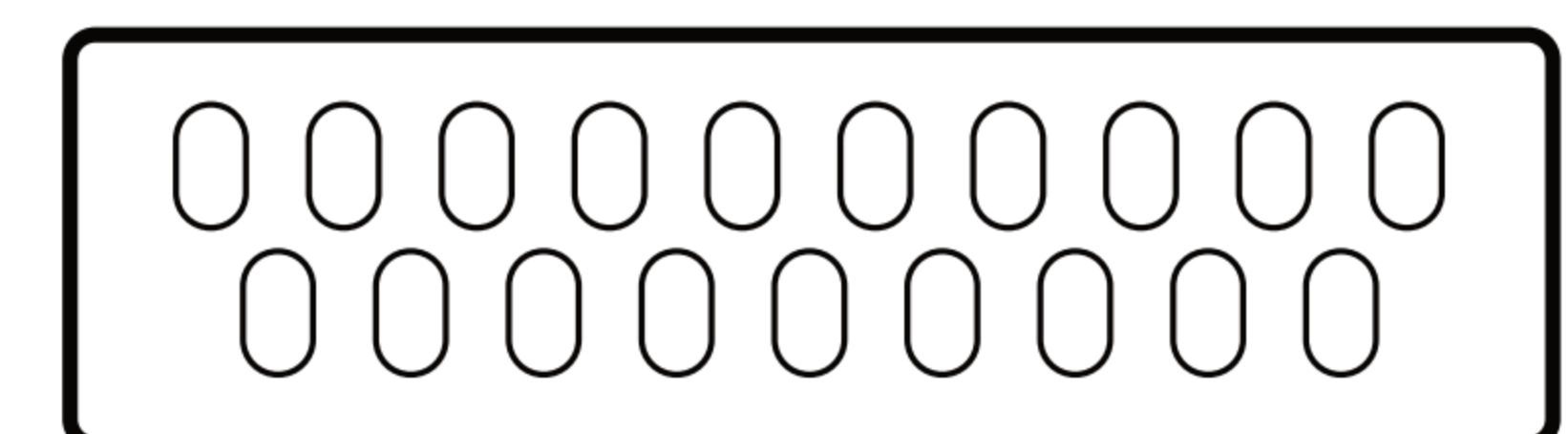


- ① Gripper body: the material is reinforced aluminum alloy
- ② Built-in valve body technology optional: self-closing valve, flow valve, high-speed valve
- ③ Built-in vacuum generator: low-consumption and energy-saving multi-stage injection technology
- ④ Suction-hole type optional: universal type, customized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

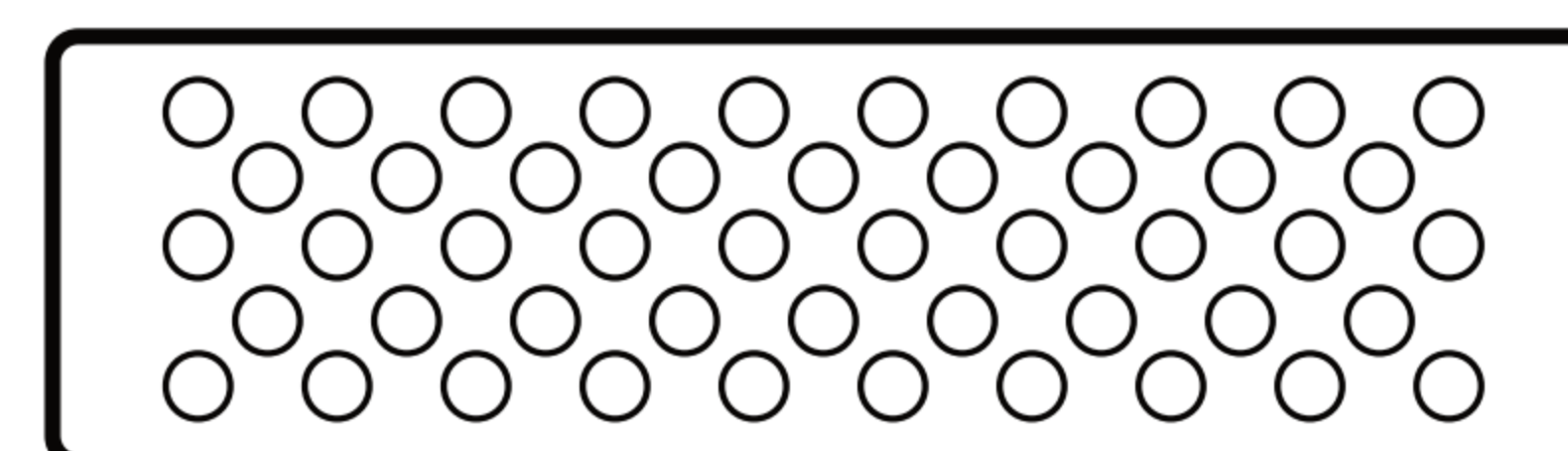
### Suction-hole Type



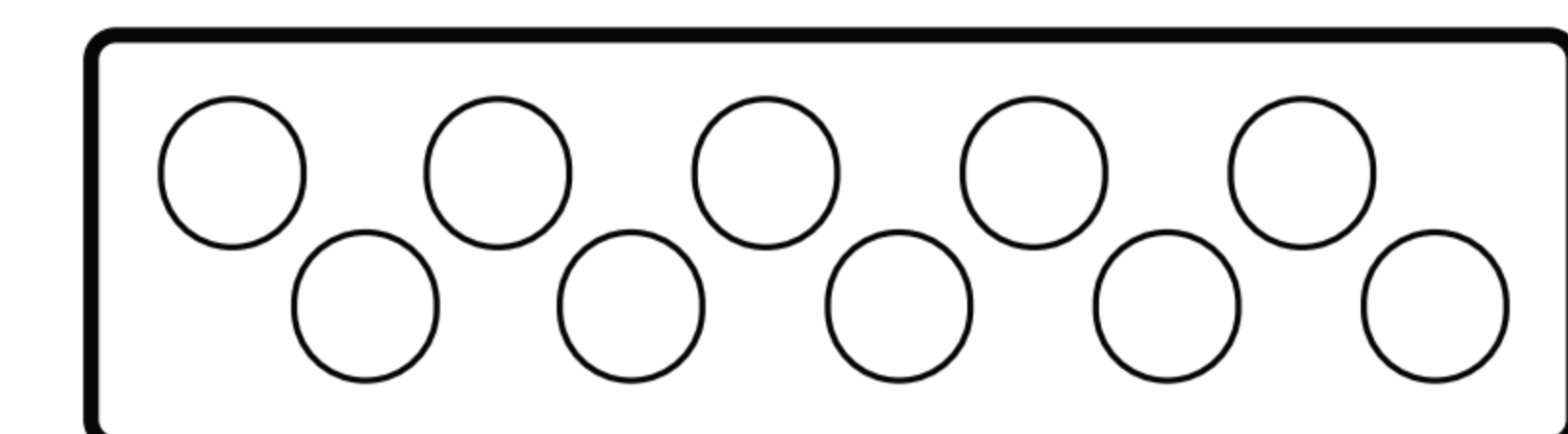
Standardized suction-hole type  
Type:3F  
Universal type



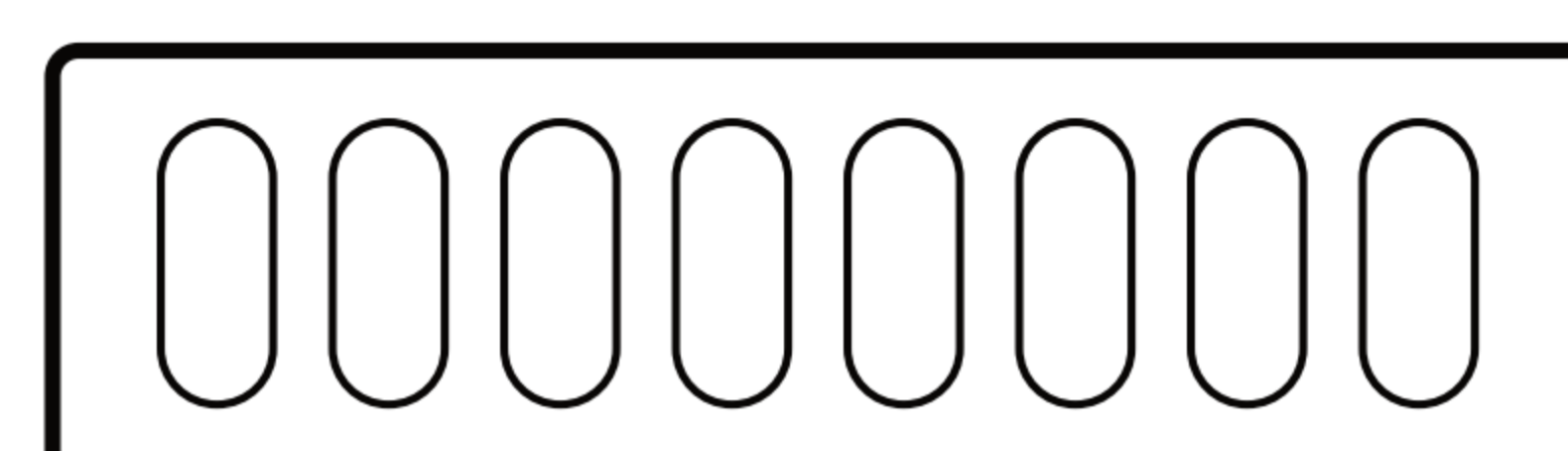
Standardized suction-hole type  
Type:2F  
Customized type



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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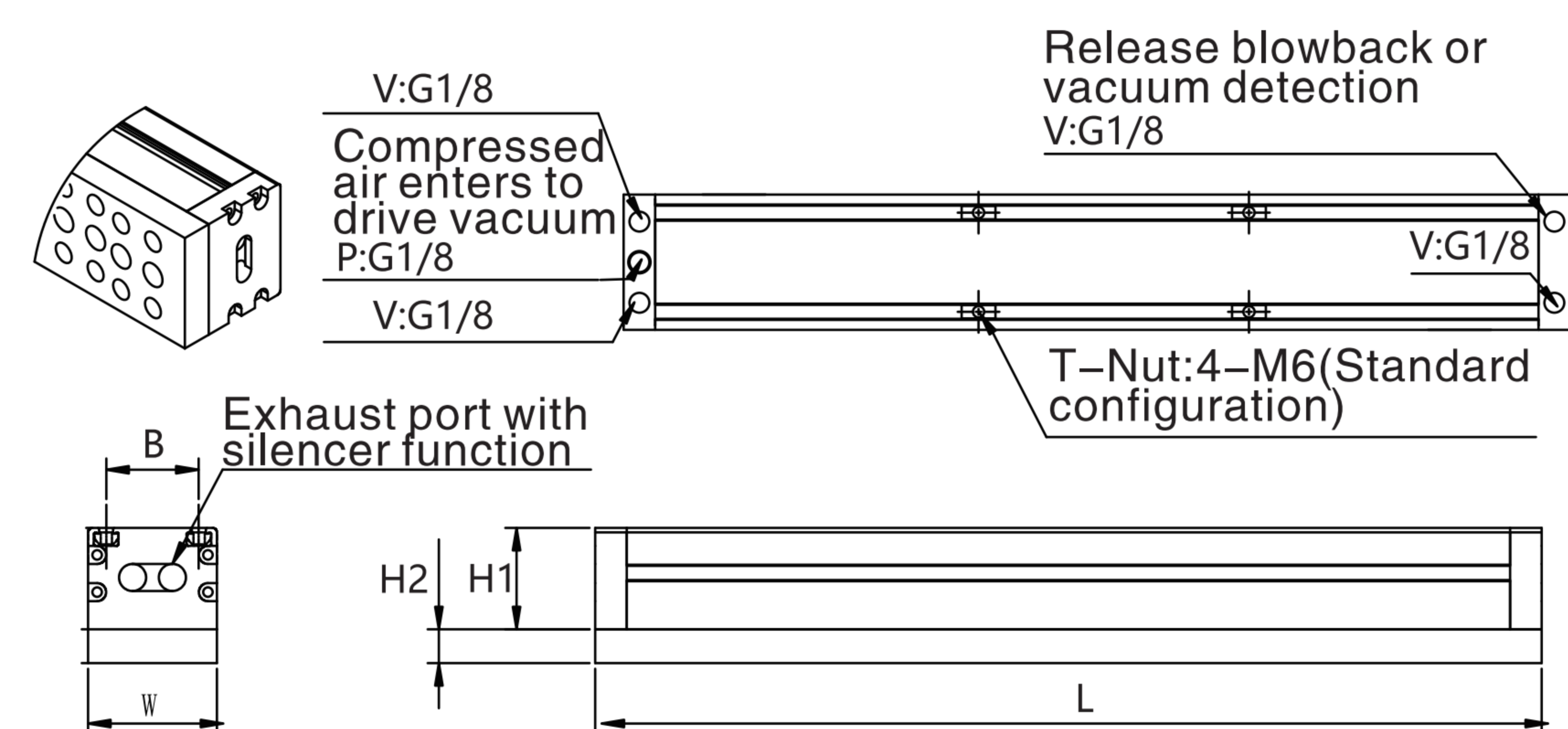
## Performance Parameter

Model	Suction-hole Type	Hole number	Supply Gas Pressure(Bar)	Gas Consumption (L/min)	Vacuum Degree (kPa)	Vacuum Flow (L/min)	Suction Force N(-60kPa)	Weight (kg)
EGP60-320V-3F□-A	3F	45	4~6	200	-60	700	223	1.4
EGP60-420V-3F□-A	3F	60	4~6	200	-60	700	297	1.6
EGP60-520V-3F□-A	3F	75	4~6	200	-60	700	371	1.8
EGP60-620V-3F□-A	3F	90	4~6	200	-60	700	446	2
EGP60-720V-3F□-A	3F	105	4~6	200	-60	700	520	2.3
EGP60-820V-3F□-A	3F	120	4~6	400	-60	1400	594	2.5
EGP60-920V-3F□-A	3F	135	4~6	400	-60	1400	669	2.7
EGP60-1020V-3F□-A	3F	150	4~6	400	-60	1400	743	3
EGP60-1120V-3F□-A	3F	165	4~6	400	-60	1400	817	3.2
EGP60-1220V-3F□-A	3F	180	4~6	400	-60	1400	892	3.4
EGP60-1320V-3F□-A	3F	195	4~6	400	-60	1400	966	3.7
EGP60-1420V-3F□-A	3F	210	4~6?	400	-60	1400	1140	3.9
EGP60-1520V-3F□-A	3F	225	4~6	400	-60	1400	1114	4.1
EGP60-320V-5F□-A	5F	73	4~6	200	-60	700	220	1.4
EGP60-420V-5F□-A	5F	98	4~6	200	-60	700	296	1.6
EGP60-520V-5F□-A	5F	123	4~6	200	-60	700	371	1.8
EGP60-620V-5F□-A	5F	148	4~6	200	-60	700	446	2
EGP60-720V-5F□-A	5F	173	4~6	200	-60	700	522	2.3
EGP60-820V-5F□-A	5F	198	4~6	400	-60	1400	597	2.5
EGP60-920V-5F□-A	5F	223	4~6	400	-60	1400	673	2.7
EGP60-1020V-5F□-A	5F	248	4~6	400	-60	1400	748	3
EGP60-1120V-5F□-A	5F	273	4~6	400	-60	1400	823	3.2
EGP60-1220V-5F□-A	5F	298	4~6	400	-60	1400	899	3.4
EGP60-1320V-5F□-A	5F	323	4~6	400	-60	1400	974	3.7
EGP60-1420V-5F□-A	5F	348	4~6	400	-60	1400	1050	3.9
EGP60-1520V-5F□-A	5F	373	4~6	400	-60	1400	1125	4.1

## Main Dimension

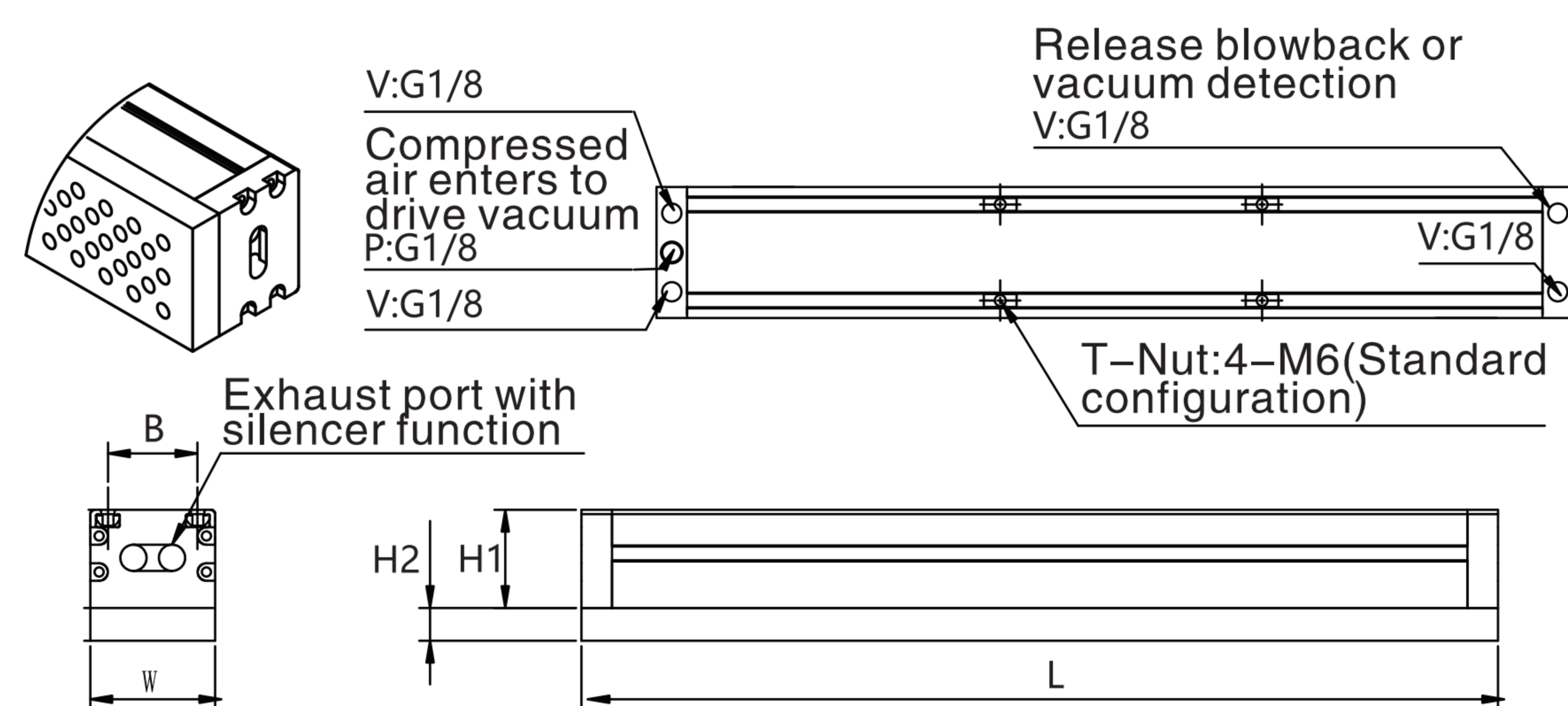
Dimension: [mm]

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



Dimension: [mm]

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



EGP60-F-A