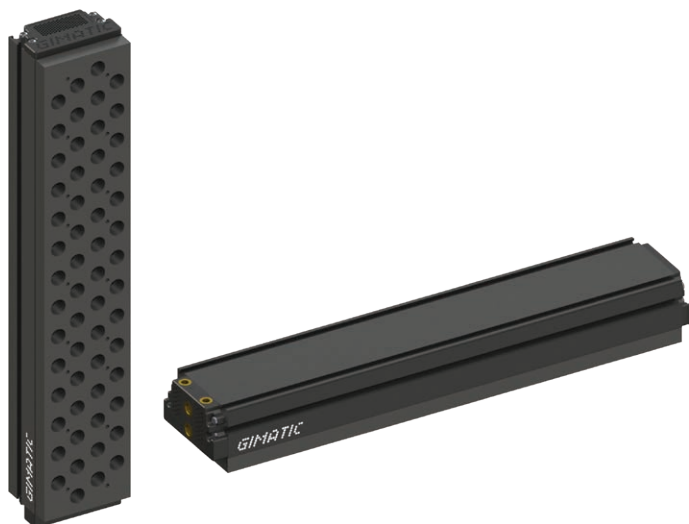


# Foam Gripper / FGS with medium pitch and calibrated holes

## FGS-120-0600

- The FGS-120 series of VACUUM FOAM GRIPPERS represents a modular and versatile solution for handling different products with different sizes, shapes and porosity
- Integrated EJ-LARGE-HF-3 multistage cartridges for high suction flow rate and low energy consumption
- The version with calibrated holes is ideal in applications where objects with specific shapes and weights with a sealed surface (glass, sheet metal) need to be handled
- Suitable for working in any orientation (parallel or perpendicular to the gripping surface)



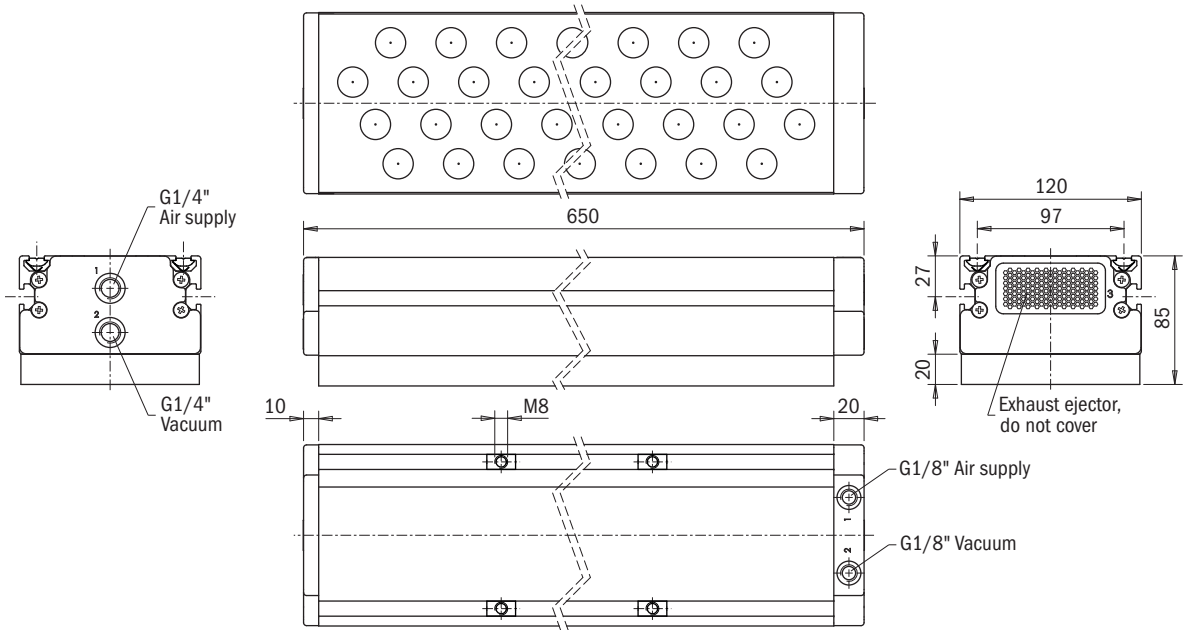
Technical features	
Max feed pressure	0.6 MPa
Temperature range	0 ÷ +50 °C
Weight	4.55 kg
Material	Al, EPDM, NBR, PA12
Noise level	70 dB

Suction flow rate											
Model	Feed pressure [MPa]	Air consumption [NI/s]	Suction flow rate [NI/s] at different vacuum levels [kPa]								Max vacuum [kPa]
			0	-10	-20	-30	-40	-50	-60	-70	
FGS-120-0600-F20-RM-08-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73

Gripping force					
Model	Gripping force [N] at different vacuum levels				
	-30 kPa	-40 kPa	-50 kPa	-60 kPa	-70 kPa
FGS-120-0600-F20	550	725	911	1095	1277

Theoretical gripping force on flat surface, with fully covered gripping surface, safety factor excluded  
Standard foam thickness: 20 mm

Identification codes		
Alphanumeric code	Description	Order code
FGS-120-0600-F20-RM-08-EJL4XX	Foam Gripper (120x600 mm), medium pitch, with 0.8 mm calibrated holes	353080604



Identification codes		
Alphanumeric code	Spare parts	Order code
FGS-120-0600-F20-RM	Foam Gripper (120x600 mm), 20 mm-thick foam, medium pitch	353022006

