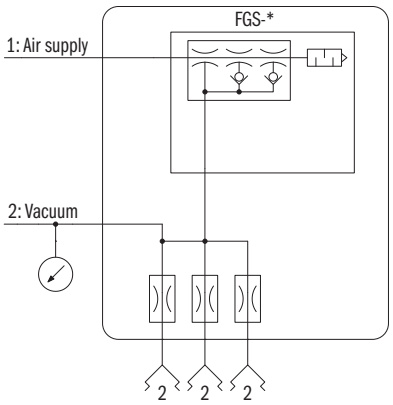
Vacuum gripping systems with foam / FGS-060 fine pitch with calibrated holes

FGS-060-XXXX-F20-0T-06

- The FGS-060 series of vacuum gripping systems, in the version with foam, is a modular and versatile solution for handling a variety of products of different sizes, shapes and porosity
- Integrated EJ-LARGE-HF-3 multistage cartridges to ensure high suction flow rate and low power consumption
- The version with calibrated holes is ideal for applications that involve the handling of objects of a specific shape and weight and with a sealed surface (glass, sheet metal)
- 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	787 g (200), 1297 (300), 1464÷1860 g (400), 2034 g (600), 2584 g (800), 3134 g (1000), 3684 g (1200)
Material	Al, EPDM, NBR, PA12
Noise level	70 dB

Suction flow rate

Model	Feed pressure	Air consumption	Suction flow rate [Nl/s] at different vacuum levels								Max vacuum
	[MPa]	[Nl/s]	0	-10	-20	-30	-40	-50	-60	-70	[kPa]
FGS-060-0200-F20-0T-06-EJL2XX	0.6	3.4	11.8	7	5	3.4	1.78	1.24	1.02	0.62	-73
FGS-060-0400-F20-0T-06-EJL3XX	0.6	5.1	17.7	10.5	7.5	5.1	2.67	1.86	1.53	0.93	-73
FGS-060-0400-F20-0T-06-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73
FGS-060-0600-F20-0T-06-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73
FGS-060-0800-F20-0T-06-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73
FGS-060-1000-F20-0T-06-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73
FGS-060-1200-F20-0T-06-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73

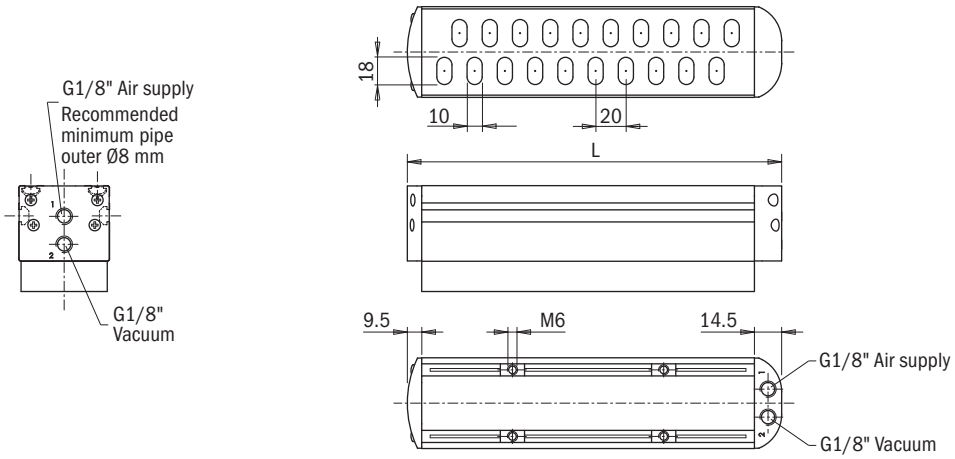
Gripping force

Model	Gripping force [N] at different vacuum levels				
	-30 kPa	-40 kPa	-50 kPa	-60 kPa	-70 kPa
FGS-060-0200-F20	93	127	158	186	215
FGS-060-0400-F20	187	250	315	375	439
FGS-060-0600-F20	280	375	470	565	659
FGS-060-0800-F20	376	504	629	752	878
FGS-060-1000-F20	472	629	783	940	1100
FGS-060-1200-F20	566	756	940	1132	1318

Theoretical gripping force on flat surface with fully covered gripping surface, excluding the factor of safety
Standard 20 mm thickness of foam

Identification codes

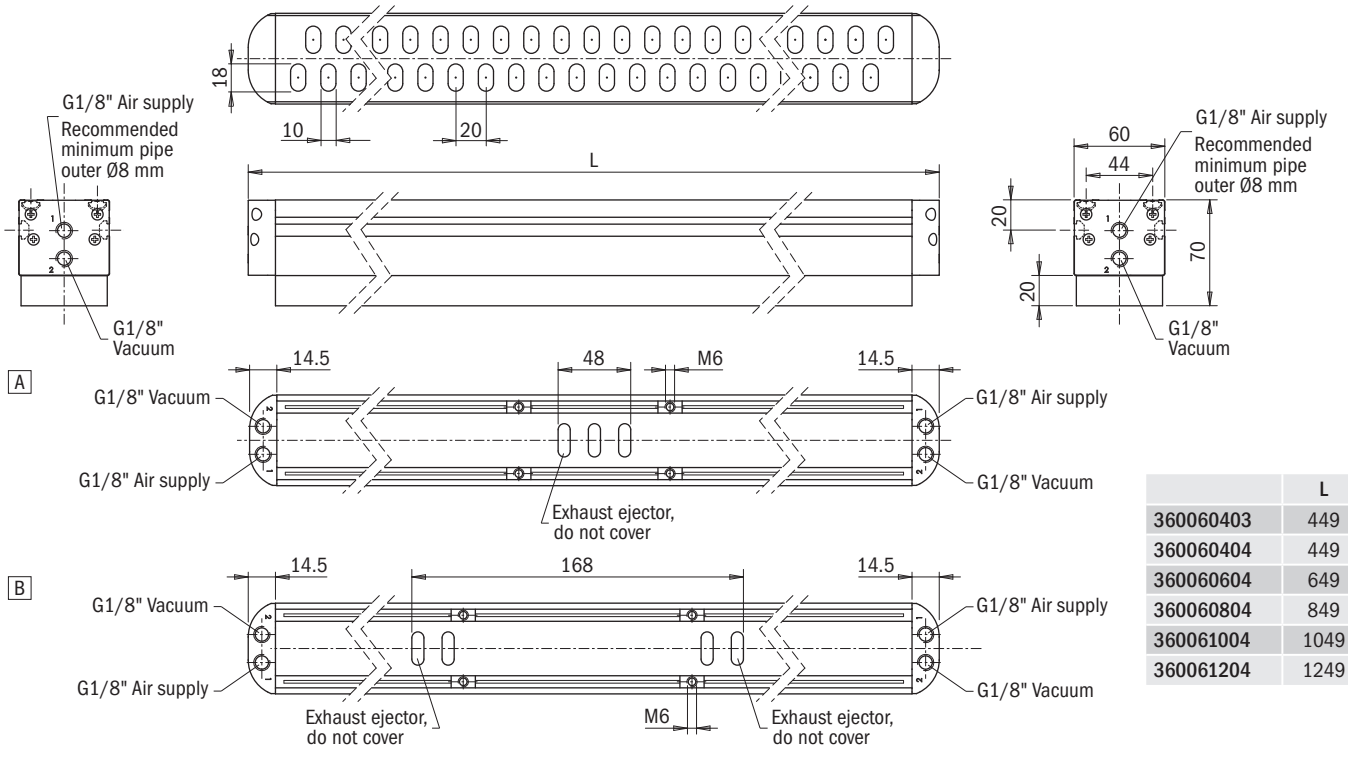
Alphanumeric code	Description	Order code
FGS-060-0200-F20-0T-06-EJL2XX	Vacuum gripping systems with foam, 60x200 mm, fine pitch with 0.6 mm calibrated holes	360060202
FGS-060-0300-F20-0T-06-EJL2XX	Vacuum gripping systems with foam, 60x300 mm, fine pitch with 0.6 mm calibrated holes	360060302 NEW



	L
360060202	244
360060302	344

Identification codes

Drawing	Alphanumeric code	Description	Order code
A	FGS-060-0400-F20-0T-06-EJL3XX	Vacuum gripping systems with foam, 60x400 mm, fine pitch with 0.6 mm calibrated holes	360060403
A	FGS-060-0400-F20-0T-06-EJL4XX	Vacuum gripping systems with foam, 60x400 mm, fine pitch with 0.6 mm calibrated holes	360060404 NEW
B	FGS-060-0600-F20-0T-06-EJL4XX	Vacuum gripping systems with foam, 60x600 mm, fine pitch with 0.6 mm calibrated holes	360060604
B	FGS-060-0800-F20-0T-06-EJL4XX	Vacuum gripping systems with foam, 60x800 mm, fine pitch with 0.6 mm calibrated holes	360060804
B	FGS-060-1000-F20-0T-06-EJL4XX	Vacuum gripping systems with foam, 60x1000 mm, fine pitch with 0.6 mm calibrated holes	360061004
B	FGS-060-1200-F20-0T-06-EJL4XX	Vacuum gripping systems with foam, 60x1200 mm, fine pitch with 0.6 mm calibrated holes	360061204



	L
360060403	449
360060404	449
360060604	649
360060804	849
360061004	1049
360061204	1249

Code and technical features of the spare foam: page 588