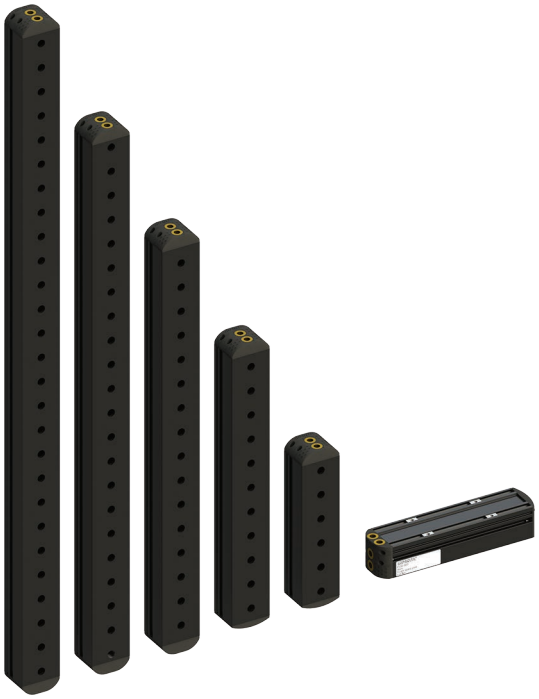
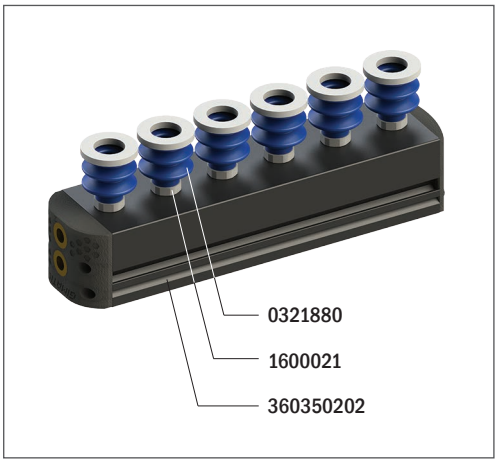
Pre-drilled vacuum gripping systems for suction cups / FGS-060-PSC with G1/4" holes for Ø22 to Ø35 mm suction cups

FGS-060-XXXX-G14-PSC-35

- The FGS-060 series vacuum gripping systems, in the version that can be fitted with suction cups, is a modular and configurable solution
- Integrated EJ-LARGE-HF-3 multistage cartridges to ensure high suction flow rate and low power consumption
- Wide range of Gimatic suction cups in different shapes and materials for every possible application
- Gimatic fittings with self-closing valve and calibrated hole can be used to handle objects of different sizes / formats, offering the advantages of both technologies and the option of overturning
- Typical applications are palletization and handling in the sectors of packaging, sheet metal, glass and wood



Application example

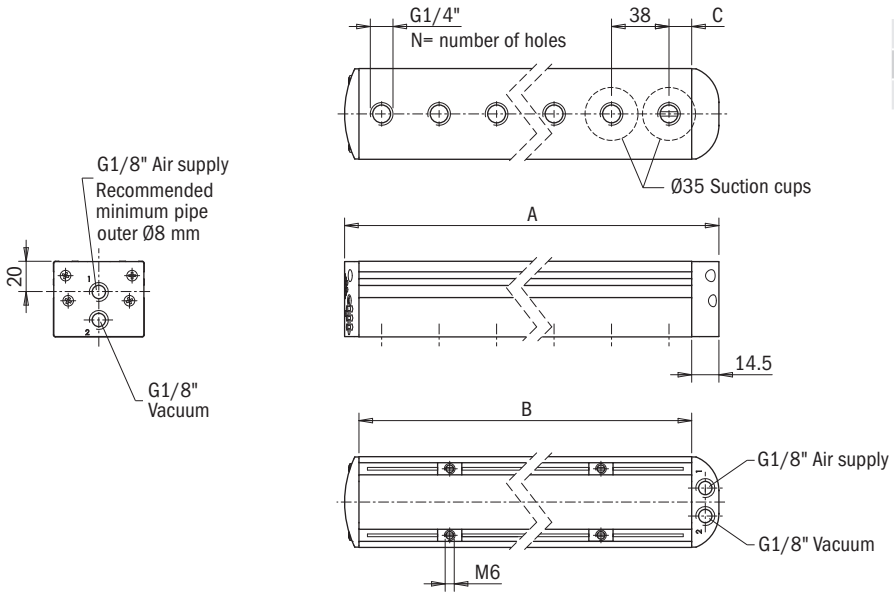


Technical features	
Max feed pressure	0.6 MPa
Temperature range	-30° ÷ +110 °C
Weight	737 g (200), 1267 g (400), 1894 g (600), 2434 g (800), 2974 g (1000)
Material	Al, NBR, PA12
Noise level	70 dB

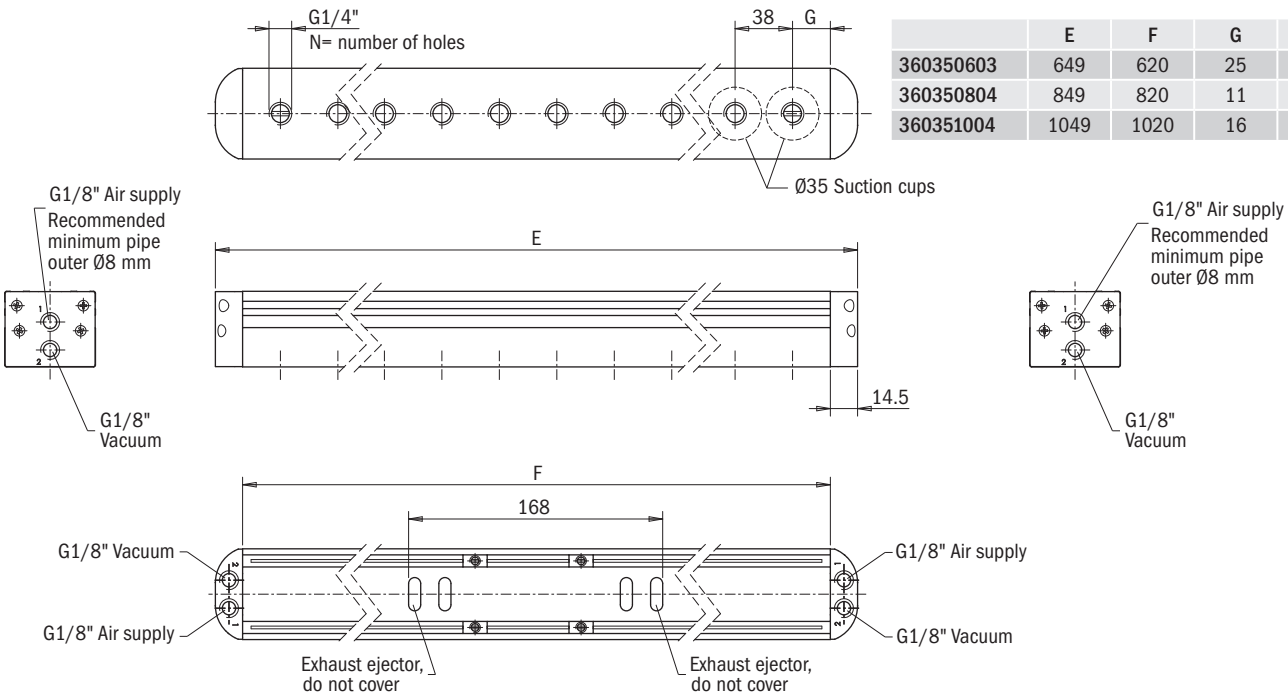
Suction flow rate

Model	Feed pressure	Air consumption	Suction flow rate [Nl/s] at different vacuum levels [kPa]								Max vacuum
	[MPa]	[Nl/s]	0	-10	-20	-30	-40	-50	-60	-70	[kPa]
FGS-060-0200-G14-PSC-35-EJL2XX	0.6	3.4	11.8	7	5	3.4	1.78	1.24	1.02	0.62	-73
FGS-060-0400-G14-PSC-35-EJL2XX	0.6	3.4	11.8	7	5	3.4	1.78	1.24	1.02	0.62	-73
FGS-060-0600-G14-PSC-35-EJL3XX	0.6	5.1	17.7	10.5	7.5	5.1	2.67	1.86	1.53	0.93	-73
FGS-060-0800-G14-PSC-35-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73
FGS-060-1000-G14-PSC-35-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73

Identification codes		
Alphanumeric code	**Description**	**Order code**
FGS-060-0200-G14-PSC-35-EJL2XX	60x200 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for Ø22 to Ø35 mm suction cup fittings	**360350202**
FGS-060-0400-G14-PSC-35-EJL2XX	60x400 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for Ø22 to Ø35 mm suction cup fittings	**360350402**
FGS-060-0600-G14-PSC-35-EJL3XX	60x600 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for Ø22 to Ø35 mm suction cup fittings	**360350603**
FGS-060-0800-G14-PSC-35-EJL4XX	60x800 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for Ø22 to Ø35 mm suction cup fittings	**360350804**
FGS-060-1000-G14-PSC-35-EJL4XX	60x1000 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for Ø22 to Ø35 mm suction cup fittings	**360351004**

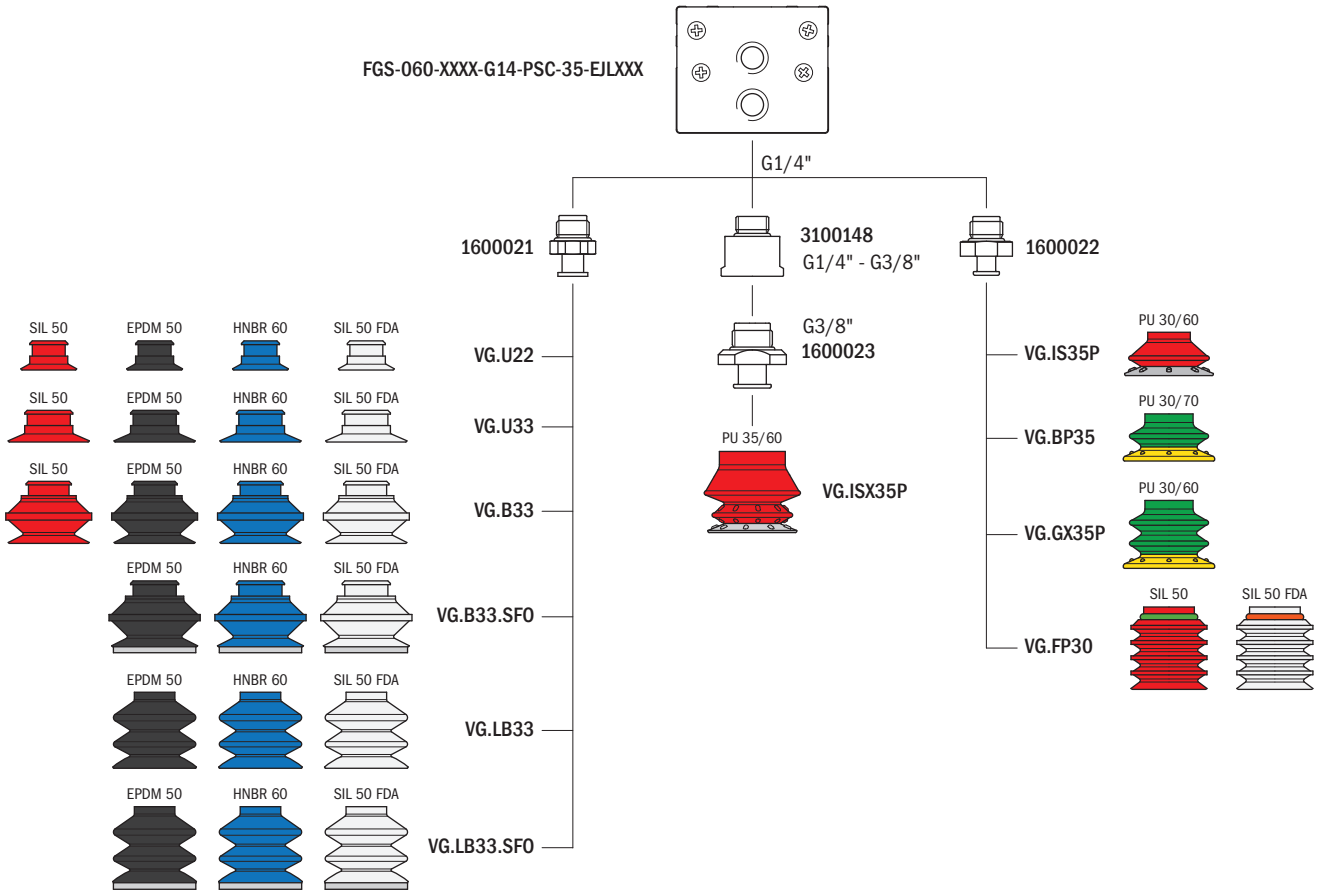


	A	B	C	N
360350202	244	220	15	6
360350402	444	420	20	11



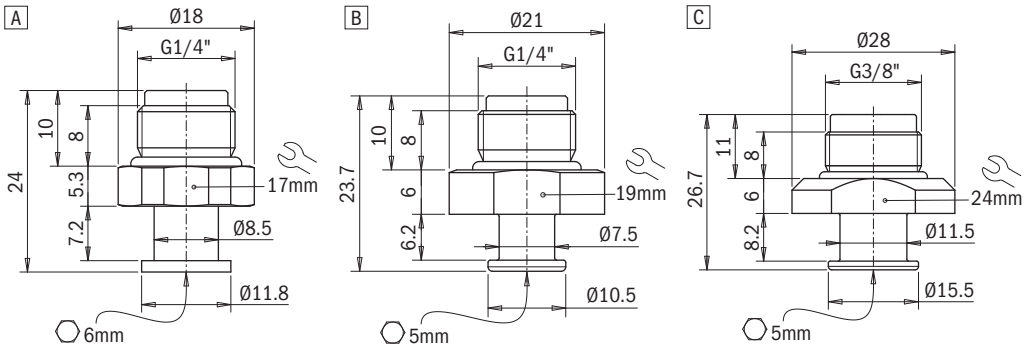
	E	F	G	N
360350603	649	620	25	16
360350804	849	820	11	22
360351004	1049	1020	16	27

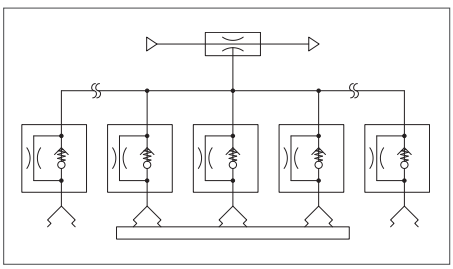
Example of compatible fittings and suction cups



Identification codes

Drawing	Alphanumeric code	Fittings	Order code
A	FT.G14M.S75.E17	Fitting G1/4" Male with check valve and calibrated hole diameter, hexagon 17 mm	1600021
B	FT.G14M.S75.E19	Fitting G1/4" Male with check valve and calibrated hole diameter, hexagon 19 mm	1600022
C	FT.G38M.S75.E24	Fitting G3/8" Male with check valve and calibrated hole diameter, hexagon 24 mm	1600023





Notes