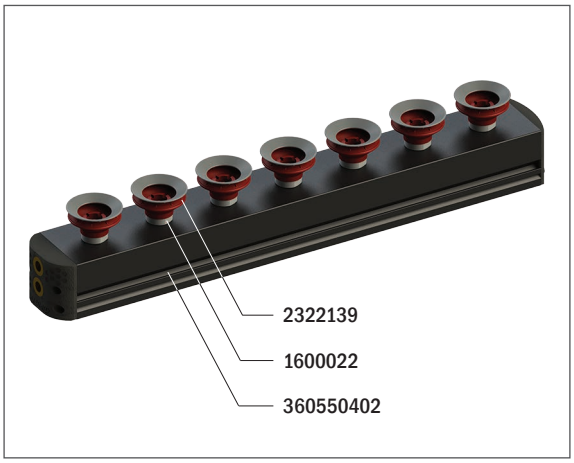
Pre-drilled vacuum gripping systems for suction cups / FGS-060-PSC with G1/4" holes for suction cups up to Ø55 mm

FGS-060-XXXX-G14-PSC-55

- 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

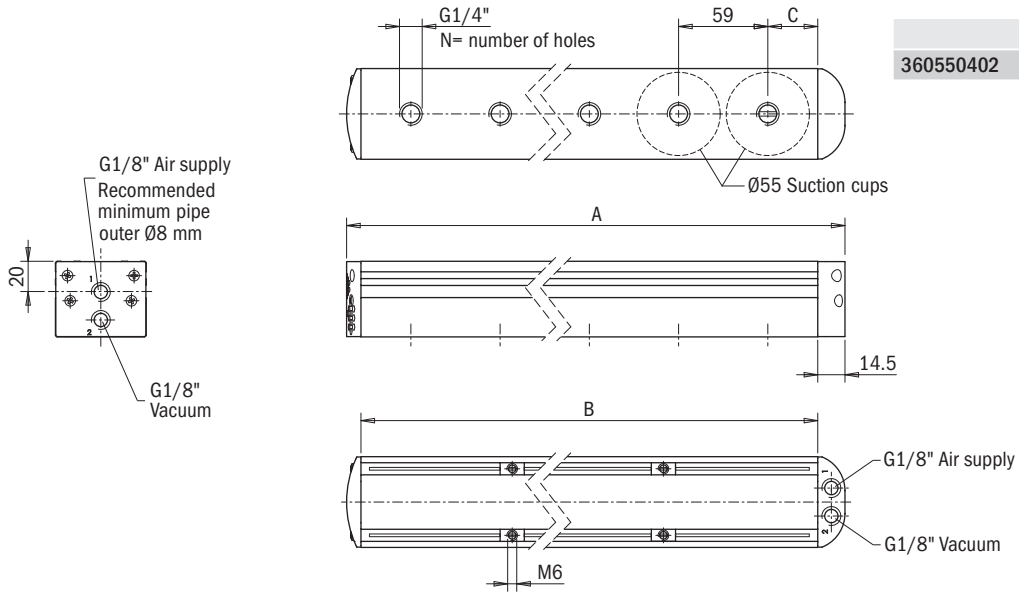


Technical features	
Max feed pressure	0.6 MPa
Temperature range	-30° ÷ +110 °C
Weight	1267 g (400), 1894 g (600), 2444 g (800), 2974 g (1000), 3504 g (1200)
Material	Al, NBR, PA12
Noise level	70 dB

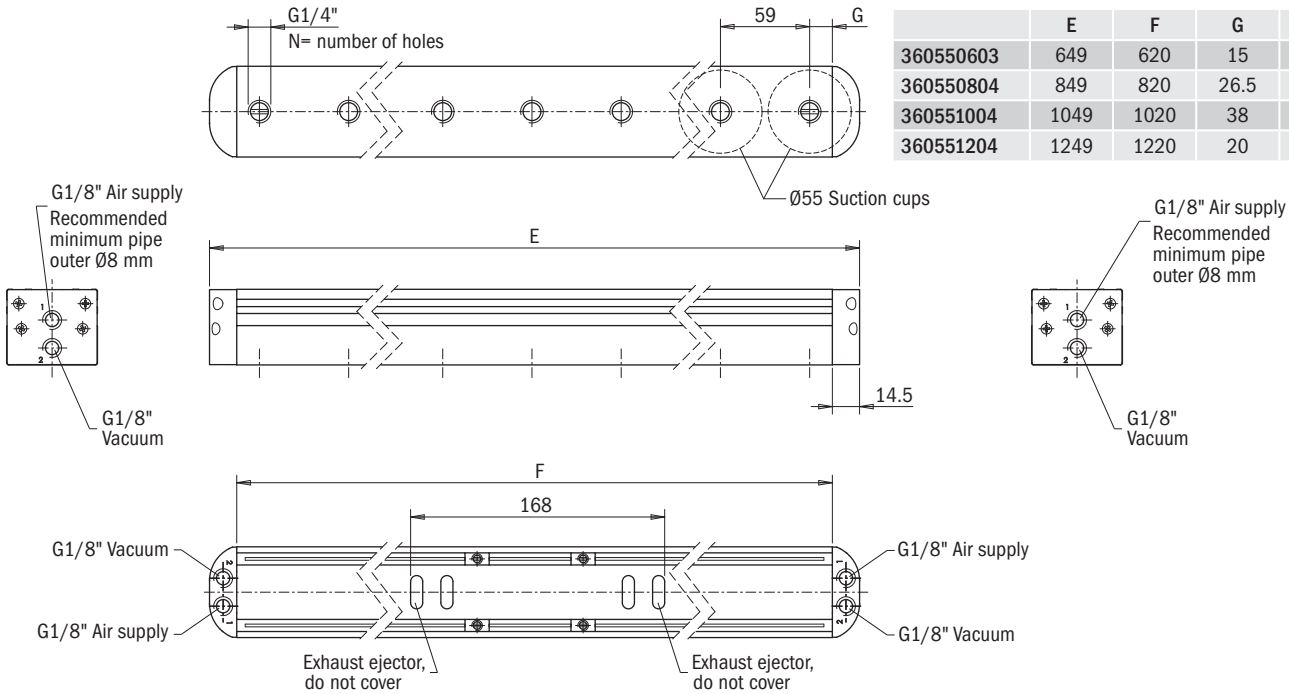
Suction flow rate

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-060-0400-G14-PSC-55-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-55-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-55-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-55-EJL4XX	0.6	6.8	23.6	14	10	6.8	3.56	2.48	2.04	1.24	-73
FGS-060-1200-G14-PSC-55-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-060-0400-G14-PSC-55-EJL2XX	60x400 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for up to Ø55 mm suction cup fittings	**360550402**
FGS-060-0600-G14-PSC-55-EJL3XX	60x600 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for up to Ø55 mm suction cup fittings	**360550603**
FGS-060-0800-G14-PSC-55-EJL4XX	60x800 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for up to Ø55 mm suction cup fittings	**360550804**
FGS-060-1000-G14-PSC-55-EJL4XX	60x1000 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for up to Ø55 mm suction cup fittings	**360551004**
FGS-060-1200-G14-PSC-55-EJL4XX	60x1200 mm vacuum gripping system, integrated vacuum generator, G1/4" holes for up to Ø55 mm suction cup fittings	**360551204**

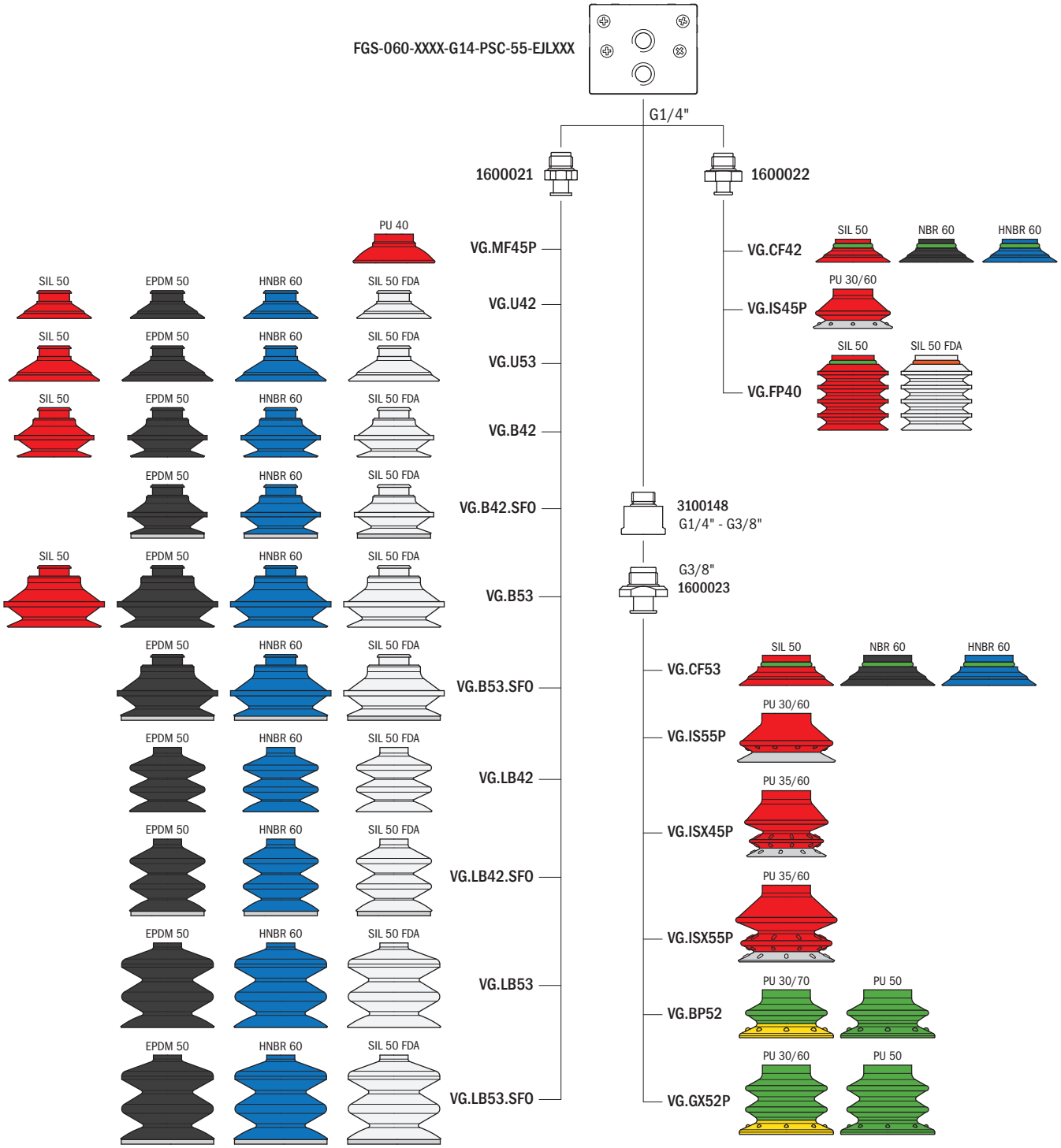


	A	B	C	N
360550402	444	420	33	7



	E	F	G	N
360550603	649	620	15	11
360550804	849	820	26.5	14
360551004	1049	1020	38	17
360551204	1249	1220	20	21

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**

