

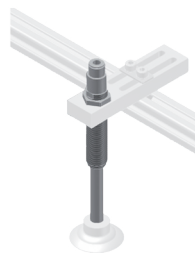


Fastening elements vacuum cups | Lifting cylinders

Vacuum lifting cylinders, for high suction picking – operated by compressed air

Vacuum lifting cylinders, for high suction picking – operated by compressed air

For high suction picking, e.g. for series SFU-F Ø 20 - 40 mm



Product notes

- > Stacking and destacking of workpieces
- > Vacuum generation by compressed air using an integrated ejector
- > Lifting cylinder extended during idle state
- > Cycle time independent of stroke and weight
- > Vacuum cups can be found in chapter vacuum cups series, flat vacuum cups SFU-F Ø 20 - 40 mm and bellows vacuum cups SBF-B Ø 20 mm

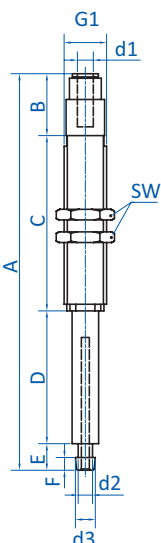
Note

- > Minimize rotating load or load on the ejector and shaft parts from the transverse direction. These can shorten the service life of the lifting cylinder.

Technical data

Item no.	Stroke [mm]	Lifting force [N]	Operating pressure [bar (psi)]	Vacuum level [mbar (inHg)]	Cycles [1/min]	Weight [g]	Suitable mounting bracket
55.101	5	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	33	GR02.231
55.103	10	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	36	GR02.231
55.105	20	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	41	GR02.231
55.107	30	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	46	GR02.231
55.109	5	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	33	GR02.231
55.111	10	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	36	GR02.231
55.113	20	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	41	GR02.231
55.115	30	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	46	GR02.231
55.120	50	3.5 - 5	3.5 - 4.5 (50.8 - 65.3)	-700 (-20.7)	50	56	GR02.231

Dimensions



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Item no.	G1	A [mm]	B [mm]	C [mm]	D [mm]	d1 [mm]	d2 [mm]	d3 [mm]	E [mm]	F [mm]	SW
55.101	M16x1	60.5	23.5	22	5	4	5	7.5	10	5	19
55.103	M16x1	70.5	23.5	27	10	4	5	7.5	10	5	19
55.105	M16x1	90.5	23.5	37	20	4	5	7.5	10	5	19
55.107	M16x1	110.5	23.5	47	30	4	5	7.5	10	5	19
55.109	M16x1	62	25	22	5	6	5	7.5	10	5	19
55.111	M16x1	72	25	27	10	6	5	7.5	10	5	19
55.113	M16x1	92	25	37	20	6	5	7.5	10	5	19
55.115	M16x1	112	25	47	30	6	5	7.5	10	5	19
55.120	M16x1	151	25	67	50	6	5	7.5	10	5	19