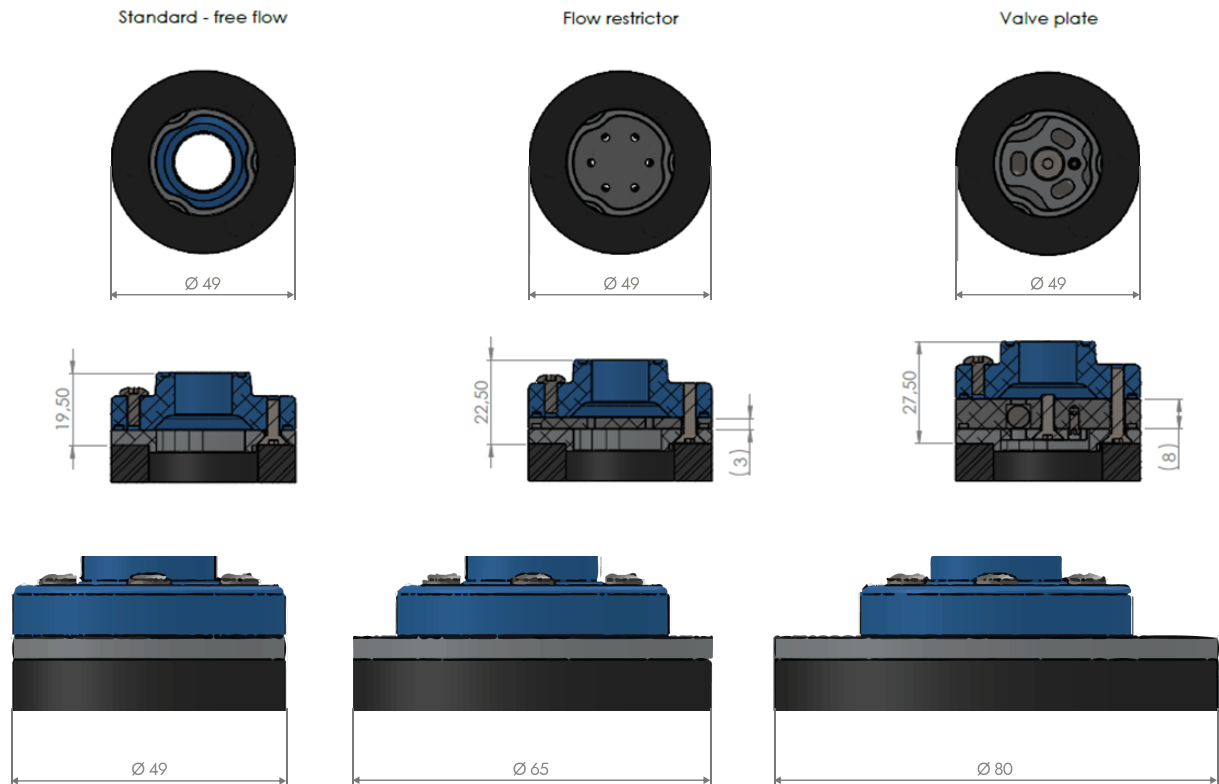
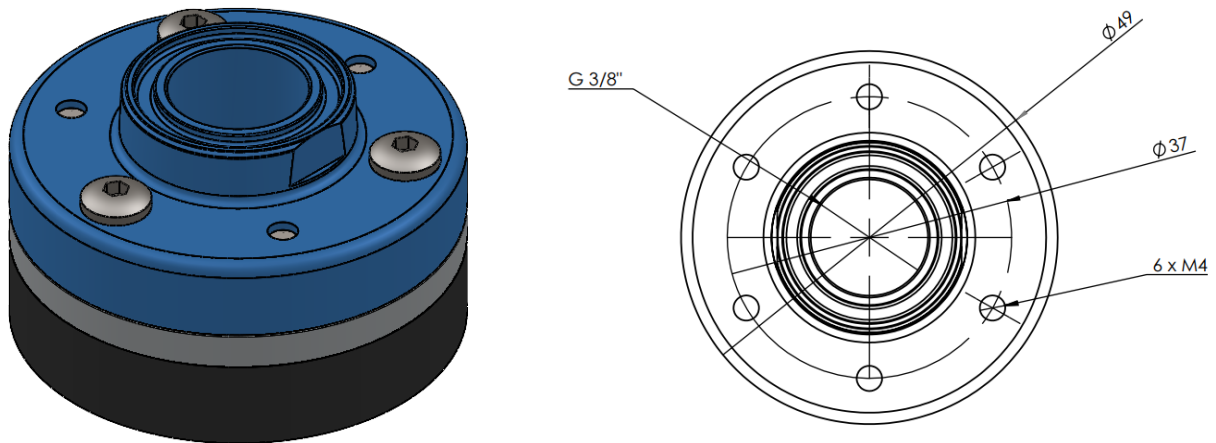


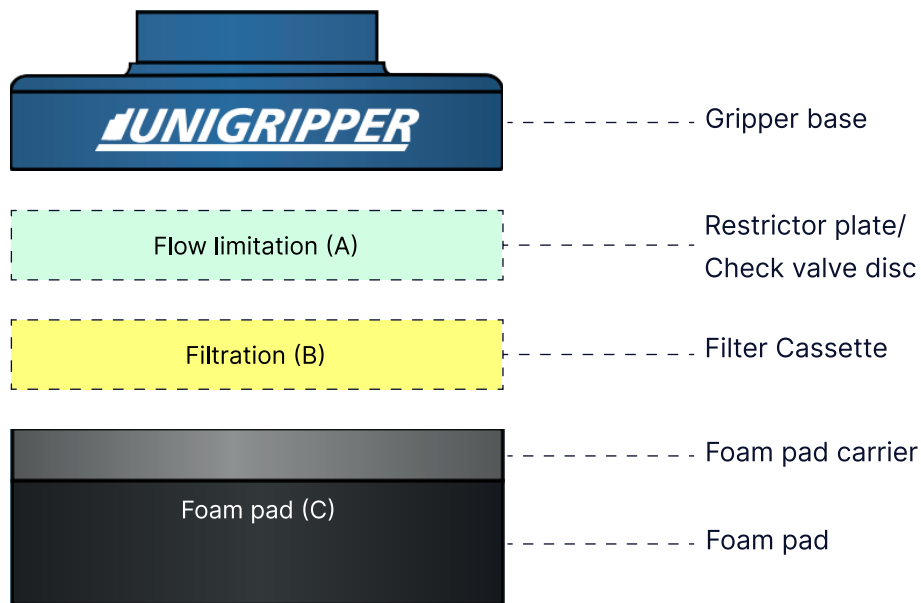
Foam Cup Gripper

The Foam Cup Gripper is a suction cup with foam lips in multiple sizes. It comes available with three options for flow limitation and two options for filtration. A level compensator is also available to handle position uncertainties. Vacuum generators can handle one or several cups. The real benefit of using a Foam Cup Gripper instead of a suction cup is that the foam is much better at handling size variation and suboptimal coverage than a regular suction cup.



Customization

There are some customization options for the foam cup gripper to make it more suitable for your situation.

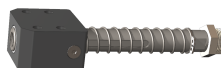


A. Flow limitation	
A0	No limitation
A1	Restrictor plate
A2	UniGripper Check Valves
B. Filtration	
B0	No filtration
B1	Filter cassette
C. Foam diameter	
C0	Ø49 mm
C1	Ø65 mm
C2	Ø80 mm



Level compensator

Stroke: 50 mm
Weight: ~210 g
Item number: 300 012 000



Level compensator

Stroke: 50 mm
Weight: ~175 g
Item number: 300 012 000



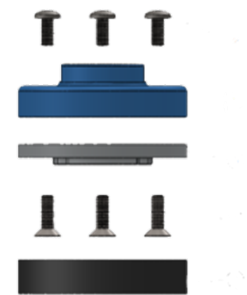
Vacuum generator

Model: UVR-E30
Air consumption: 105 NI/min
Pressure: 4-7 bar (6 bar optimal)
Item number: 340 341 190



Foam Cup Gripper Technical Data

Vacuum level	49 mm	65 mm	80 mm
200 mBar	13 N	31 N	56 N
400 mBar	26 N	63 N	113 N
600 mBar	39 N	95 N	169 N
800 mBar	52 N	127 N	226 N



Item Number	Configuration	Height	Weight
Diameter 49 mm			
300 010 000	Free Flow, No Filtration	34 mm	20 g
300 010 010	Free Flow, Filter Cassette	36 mm	22 g
300 010 100	Restrictor Plate, No Filtration	37 mm	35 g
300 010 110	Restrictor Plate, Filter Cassette	39 mm	37 g
300 010 200	UniGripper Check Valves, No Filtration	46 mm	82 g
300 010 210	UniGripper Check Valves, Filter Cassette	48 mm	84 g
Diameter 65 mm			
300 010 001	Free Flow, No Filtration	34 mm	30 g
300 010 011	Free Flow, Filter Cassette	36 mm	32 g
300 010 101	Restrictor Plate, No Filtration	37 mm	45 g
300 010 111	Restrictor Plate, Filter Cassette	39 mm	47 g
300 010 201	UniGripper Check Valves, No Filtration	46 mm	92 g
300 010 211	UniGripper Check Valves, Filter Cassette	48 mm	94 g
Diameter 80 mm			
300 010 001	Free Flow, No Filtration	34 mm	50 g
300 010 011	Free Flow, Filter Cassette	36 mm	52 g
300 010 101	Restrictor Plate, No Filtration	37 mm	65 g
300 010 111	Restrictor Plate, Filter Cassette	39 mm	67 g
300 010 201	UniGripper Check Valves, No Filtration	46 mm	112 g
300 010 211	UniGripper Check Valves, Filter Cassette	48 mm	114 g