

ANVER Vacuum Suction Cups can be mounted to most vacuum systems using Spring Loaded Suspension Assemblies. These are high quality, well finished and designed for high speed automation applications. Adjustable bulkhead fittings mount to almost any lifting frame while a variety of tube fittings are available to connect to the vacuum generating system. These mounting systems act as extensions while providing support while handling a load. ANVER Vacuum Suction Cups can be mounted to most vacuum systems using spring-loaded suspension assemblies.

ANVER's SLSA-1 Series connects to a vacuum system via 5 mm, 10-32 UNF female threads. For G 1/8" male threads, use the larger SLSA-2 Series.




ANVER can adapt these vacuum cup suspensions to your particular needs with tube fittings, mini-vacuum generators, sensing valves, and custom adapters. Please contact the technical sales department at ANVER for assistance.



Advantages of Suspension Assemblies

- Reduce machine indexing when picking up material from a stack
- Compensate for variations in object height and offer a soft touch attach
- Minimize shock and noise to an object and machine
- Provide consistent cup pressure on each pick-up, which increases cup life
- Easy way for vacuum cup and vacuum lines to interface with machine tooling
- Suspensions marked non-rotating or rotating have a set screw which goes up and down the outside of the machined tube in a slot. To make them rotate, simply remove the small set screw.

Components	Materials	
	Rotating	Non-Rotating
Suspension Tube	Nickel-Plated Steel	Nickel-Plated Steel
Springs	Stainless Steel	Stainless Steel
Bulkhead Thread	Nickel-Plated Brass	Stainless Steel
Panel Nuts	Nickel-Plated Brass	Stainless Steel

Part Number	SLSA-105NR Non-Rotating or Rotating	A-3350068 Rotating	SLSA-110NR Non-Rotating or Rotating	SLSA-120NR Non-Rotating or Rotating	SLSA-130NR Non-Rotating or Rotating
Product Photo					
Connection Thread Size (BSPP)	M5 – female 10-32 UNF	M5 – female 10-32 UNF	M5 – female 10-32 UNF	M5 – female 10-32 UNF	M5 – female 10-32 UNF
Travel [in. (mm)]	0.2 (5)	0.28 (7)	0.39 (10)	0.79 (20)	1.18 (30)
Height [in. (mm)]	1.15 (29)	1.69 (43)	1.53 (39)	2.32 (59)	3.11 (79)
Required Panel Hole Dia. [in. (mm)]	0.51 (13)	0.39 (10)	0.51 (13)	0.51 (13)	0.51 (13)
Maximum Panel Thickness [in. (mm)]	0.43 (11)	0.56 (14)	0.43 (11)	0.43 (11)	0.43 (11)
Weight [grams]	25.8	18	25.8	32.9	34.5