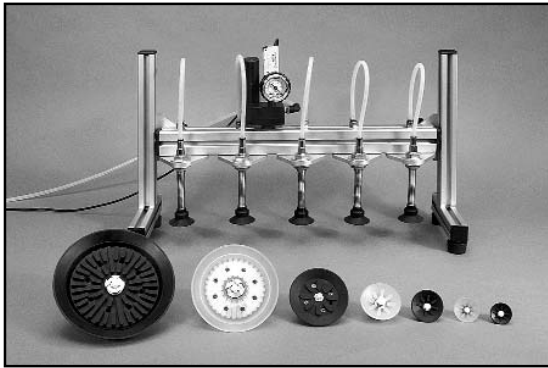




# Vacuum Cups and Suction Cups

## Generic P-Style / F Series Flat Cups with Valves



Flat Vacuum Cups and Suction Cups with Valves

Vacuum Cup Description and Part Number	Dimensional Drawing	Static Diameter* in. (mm)	Static Height* in. (mm)	Load Capacity at 24 in. Hg (609.6mm Hg) [2:1 Safety Factor] lb (kg)	Pull-Off Capacity at 27 in. Hg (685.8mm Hg) [1:1 Safety Factor] lb (kg)	Level Compensator Suspensions
<b>F30 Cups with Valves</b>						
<b>F30-NEO/VALVE</b> A-3150049 31.50.049		1.25 (31.6)	0.40 (10.0)	3.11 (1.41)	7.00 (3.18)	SLSA-1 Suspensions  SLSA-2 Suspensions
<b>F30-SIT/VALVE</b> A-3150049S 31.50.049S		1.25 (31.6)	0.40 (10.0)	3.11 (1.41)	7.00 (3.18)	SLSA-1 Suspensions  SLSA-2 Suspensions
<b>Fittings for F30 Cups with Valves</b>						
<b>20-30 CONNECTION PLATE</b> A-3150141 31.50.141		For SLSA-1 Suspensions, use the HSHN5 Double Male 5 mm adapter.  For SLSA-2 Suspensions, use the HS18G-18FG Double Female G 1/8" adapter.			SLSA-1 Suspensions  SLSA-2 Suspensions	
<b>30 BUTTON VALVE</b> A-3150055 31.50.055		The 30 Button Valve is used in multiple cup applications. If a single cup does not contact the load, that cup's valve will not open, causing no loss of vacuum while the other cups pick up the load.			SLSA-1 Suspensions  SLSA-2 Suspensions	
<b>F40 Cups with Valves</b>						
<b>F40-NEO/VALVE</b> A-3150050P 31.50.050P		1.66 (42.1)	0.80 (21.0)	4.89 (2.22)	11.00 (4.99)	SLSA-2 Suspensions
<b>F40-SIT/VALVE</b> A-3150050S 31.50.050S		1.66 (42.1)	0.80 (21.0)	4.89 (2.22)	11.00 (4.99)	SLSA-2 Suspensions

► This spec sheet was adapted for print from our website. Additional information and photos are available at [www.anver.com](http://www.anver.com). 2091401

# Vacuum Cups and Suction Cups



## Generic P-Style / F Series Flat Cups with Valves

Vacuum Cup Description and Part Number	Dimensional Drawing	Static Diameter* in. (mm)	Static Height* in. (mm)	Load Capacity at 24 in. Hg (609.6mm Hg) [2:1 Safety Factor] lb (kg)	Pull-Off Capacity at 27 in. Hg (685.8mm Hg) [1:1 Safety Factor] lb (kg)	Level Compensator Suspensions	
<b>Fittings for F40 Cups with Valves</b>							
40 CONNECTION PLATE A-3150143 31.50.143						The 40 Connection Plate uses a 40 Locking Spacer. It allows you to screw directly into any of the SLSA-2 Suspensions which have a male G 1/8" Thread.	SLSA-2 Suspensions
40 BUTTON VALVE A-3150056 31.50.056						The 40 Button Valve is used in multiple cup applications. If a single cup does not contact the load, that cup's valve will not open, causing no loss of vacuum while the other cups pick up the load.	SLSA-2 Suspensions
<b>F50 Cups with Valves</b>							
F50-NEO/VALVE A-3150051P 31.50.051P		2.10 (52.8)	1.10 (27.0)	9.33 (4.23)	21.00 (9.53)	SLSA-2 Suspensions	
F50-SIT/VALVE A-3150051S 31.50.051S		2.10 (52.8)	1.10 (27.0)	9.33 (4.23)	21.00 (9.53)	SLSA-2 Suspensions	
<b>Fittings for F50 Cups with Valves</b>							
50 CONNECTION PLATE A-3150145 31.50.145						The 50 Connection Plate uses a 50 Locking Spacer. It allows you to screw directly into any of the SLSA-2 Suspensions which have a male G 1/8" Thread.	SLSA-2 Suspensions
50 BUTTON VALVE A-3150057 31.50.057						The 50 Button Valve is used in multiple cup applications. If a single cup does not contact the load, that cup's valve will not open, causing no loss of vacuum while the other cups pick up the load.	SLSA-2 Suspensions
<b>F75 Cups with Valves</b>							
F75-NEO/VALVE A-3150078P 31.50.078P		3.02 (76.5)	0.60 (14.0)	26.67 (12.10)	60.00 (27.22)	SLSA-2 Suspensions	
F75-SIT/VALVE A-3150078S 31.50.078S		3.02 (76.5)	0.60 (14.0)	26.67 (12.10)	60.00 (27.22)	SLSA-2 Suspensions	

2091401 ➔ This spec sheet was adapted for print from our website. Additional information and photos are available at [www.anver.com](http://www.anver.com).

36 Parmenter Road • Hudson MA 01749 USA • 978-568-0221 • 800-654-3500 • FAX 978-568-1570 • [www.anver.com](http://www.anver.com) • E-Mail: [sales@anver.com](mailto:sales@anver.com)



# Vacuum Cups and Suction Cups

## Generic P-Style / F Series Flat Cups with Valves

Vacuum Cup Description and Part Number	Dimensional Drawing	Static Diameter* in. (mm)	Static Height* in. (mm)	Load Capacity at 24 in. Hg (609.6mm Hg) [2:1 Safety Factor] lb (kg)	Pull-Off Capacity at 27 in. Hg (685.8mm Hg) [1:1 Safety Factor] lb (kg)	Level Compensator Suspensions	
<b>Fitting and Valve for F75 Cups</b>							
75 FITTING 1/8" A-3250006 32.50.006						The 75 Fitting 1/8" with 1/8" female center port connection with optional M5 (10/32) female port often used as a blow-off port.	SLSA-2 Suspensions
75 BUTTON VALVE A-3350033 33.50.033						The 75 Button Valve is used in multiple cup applications. If a single cup does not contact the load, that cup's valve will not open, causing no loss of vacuum while the other cups pick up the load.	SLSA-2 Suspensions
<b>F110 Cups with Valves</b>							
F110-NEO/VALVE A-3150079P 31.50.079P		4.30 (112.5)	0.70 (19.0)	56.00 (25.40)	126.00 (57.15)	SLSA-3 Suspensions	
F110-SIT/VALVE A-3150079S 31.50.079S		4.30 (112.5)	0.70 (19.0)	56.00 (25.40)	126.00 (57.15)	SLSA-3 Suspensions	
<b>Fitting and Valve for F110 Cups</b>							
110 FITTING 1/2" A-3250007 32.50.007						The 110 Fitting 1/2" with 1/2" female center port connection with optional NPSF 1/8" female port often used as a blow-off port.	SLSA-3 Suspensions
110/150 BUTTON VALVE A-3350034 33.50.034						The 110/150 Button Valve is used in multiple cup applications. If a single cup does not contact the load, that cup's valve will not open, causing no loss of vacuum while the other cups pick up the load.	SLSA-3 Suspensions
<b>F150 Cups with Valves</b>							
F150-NEO/VALVE A-3150080P 31.50.080P		6.13 (155.6)	1.00 (25.0)	106.67 (48.38)	240.00 (108.86)	SLSA-3 Suspensions	
F150-SIT/VALVE A-3150080S 31.50.080S		6.13 (155.6)	1.00 (25.0)	106.67 (48.38)	240.00 (108.86)	SLSA-3 Suspensions	

► This spec sheet was adapted for print from our website. Additional information and photos are available at [www.anver.com](http://www.anver.com). 2091401

# Vacuum Cups and Suction Cups



## Generic P-Style / F Series Flat Cups with Valves

Vacuum Cup Description and Part Number	Dimensional Drawing	Static Diameter* in. (mm)	Static Height* in. (mm)	Load Capacity at 24 in. Hg (609.6mm Hg) [2:1 Safety Factor] lb (kg)	Pull-Off Capacity at 27 in. Hg (685.8mm Hg) [1:1 Safety Factor] lb (kg)	Level Compensator Suspensions
<b>Fitting and Valve for F150 Cups</b>						
150 FITTING 1/2" A-3250008 32.50.008						
				The 150 Fitting 1/2" with 1/2" female center port connection with optional NPSF 1/8" female port often used as a blow-off port.		SLSA-3 Suspensions
110/150 BUTTON VALVE A-3350034 33.50.034						
				The 110/150 Button Valve is used in multiple cup applications. If a single cup does not contact the load, that cup's valve will not open, causing no loss of vacuum while the other cups pick up the load.		SLSA-3 Suspensions

### Anver Valve Cup Assemblies

**Please Note:**

Many new Valve Cup Assembly Options are now available from Anver by combining select Anver cups and Anver fittings to form Anver Valve Cup Assemblies. The chart below describes these possible cup/valve combinations.

For more information please visit:

[anver.com/document/vacuum components/vacuum cups/Generic cups/cups-f-valves.htm#anver\\_valve\\_cup\\_assys](http://anver.com/document/vacuum%20components/vacuum%20cups/Generic%20cups/cups-f-valves.htm#anver_valve_cup_assys)

F77-NBR and Fitting HS18-SV-SS
F77-SIT and Fitting HS18-SV-SS
F85-NBR and Fitting HS18-SV-SS
F85-SIT and Fitting HS18-SV-SS
F95-NBR and Fitting HS18-SV-LL
F95-SIT and Fitting HS18-SV-LL
F77-NBR and Fitting HS18-G-SV-SS
F77-SIT and Fitting HS18-G-SV-SS
F85-NBR and Fitting HS18-G-SV-SS
F85-SIT and Fitting HS18-G-SV-SS
F95-NBR and Fitting HS18-G-SV-LL
F95-SIT and Fitting HS18-G-SV-LL

