



Vacuum system equipment SELVACS
Catalog No. CC-796A

Suction pad VSP Series

Specifications

Item	VSP
Working fluid	Air
Working pressure kPa	-100 to 100
Operating ambient temperature °C	0 to 60 (no freezing)

How to order Refer to * system Component SELVACS (CC-796A) for combinations of vacuum selectable model numbers.

● Suction pad

VSP - HC 10 -10 R S -DL - 6 - CF - P4

● Set with pad rubber + pad fixing screw

VSPG 10 R S -DL A — P4

Ⓐ Holder type

Ⓑ Pad diameter, pad size

Ⓒ Stroke option

Ⓓ Pad shape

Ⓔ Pad material

Ⓕ Surface-treated

Ⓖ Port size/shape

Ⓗ Pad swinging

Code	Description
Ⓐ Holder type *1	
Refer to Appendix 1 for holder shape.	
Ⓑ Pad diameter, pad size	
Refer to Appendix 2 for pad diameter and pad size.	
Ⓒ Stroke option *2	
Blank	Specified stroke or without buffer
-10	10 mm
-15	15 mm
-20	20 mm
-25	25 mm
-30	30 mm
-40	40 mm
-50	50 mm
Ⓓ Pad shape *3	
R	Standard, general
A	Standard, deep
RM	Standard, compact
S	Sponge
B	Bellows
W	Multi-stage bellows
E	Oval
L	Soft
LB	Soft bellows
K	Anti-slip
P	Thin object type
F	Flat
FH	Flat intake flow rate increase type
Q	Suction mark prevention
Ⓔ Pad material *4	
S	Silicone rubber
U	Urethane rubber
YS2	Super soft silicone rubber (hardness 20°)
YS4	Super soft silicone rubber (hardness 40°)
F	Fluoro rubber
SE	Conductive silicone rubber
HN	HNBR
EP	EPDM
Blank	Chloroprene rubber
K	PEEK
M	POM
KE	Conductive PEEK
Ⓕ Surface-treated	
Blank	No surface treatment
-NF	Fiber nap (nylon)
-SF	Fiber raising (silk)
-DL	Anti-stick special coating
-ER	Suction mark reduction surface modification
-FG	Fluorine coating
Ⓖ Port size/shape *5	
Blank	(A: When E, F)
4	ø4 push-in fitting
4T	ø4 barbed fitting
6	ø6 push-in fitting
6T	ø6 barbed fitting
M3	M 3 x 0.5
M5	M 5 x 0.8
6A	G1/8
8A	G1/4
Ⓗ Pad swinging *6	
Blank	None
CF	With flexible holder angle of 8°

Compatibility table by variation

	Suction pad	Pad rubber only	Set with pad rubber + pad fixing screw
	VSP	VSPG	VSPG*A
P4	●	Standard compliance	●

- : Applicable models
- : Quasi Applicable models
- ▲: Contact CKD for details.
- : Not applicable

*1: Holder shape: LFC, LFD is not supported.
 *2: Holder shape: For models other than HC, only stroke option: Blank is available.
 *3: Holder shape: HD, HDW, HE and HEW are pad shape: L and LB only.
 *4: Pad material: N, E, NE, G and NH are not supported.
 *5: Port sizes/shapes: 2, 8, 10 and 12 are not supported.
 *6: Free holders (F1, F2) and position locking valve (V) are not supported.

Appendix 1 ◆ Holder shape list

A Holder type		Fixed		Buffer type		Lightweight buffer	Low back fixed	Dedicated fixed
		Standard	Compact	Standard	Compact			
Code	Vacuum outlet top	A	MA	C	MC	HC		AE
	Vacuum outlet side	B	MB	D	MD	HD	HE	BE
	Vacuum outlet both sides					HDW	HEW	
	Direct mounting	E	ME	F				

Appendix 2 ◆ Pad diameter/size - pad shape combinations

D Pad shape		R	A	RM	S	B	W	E	L	LB	K	P	F	FH	Q
B Pad diameter	0.7	ø0.7			●										
	1	ø1	●		●										
	1.5	ø1.5			●										
	2	ø2	●		●		●								
	3	ø3	●		●										
	4	ø4	●		●		●			●					
	6	ø6	●				●	●		●	●				
	8	ø8	●				●	●		●	●				
	10	ø10	●			●	●	●		●	●	●	●	●	●
	15	ø15	●	●		●	●			●	●	●	●	●	●
	20	ø20	●	●		●	●	●		●	●	●	●	●	●
	25	ø25	●	●		●	●					●	●	●	●
	30	ø30	●	●		●	●	●		●		●	●	●	●
	35	ø35				●									
	40	ø40	●	●			●	●		●		●			
	50	ø50	●	●		●	●	●				●			
	60	ø60	●	●			●								
	70	ø70				●	●								
80	ø80	●	●			●									
100	ø100	●	●		●	●									
150	ø150	●				●									
200	ø200	●				●									
B Pad size	2 x 4	2 x 4						●							
	3.5 x 7	3.5 x 7						●							
	4 x 10	4 x 10						●							
	4 x 20	4 x 20						●							
	4 x 30	4 x 30						●							
	5 x 10	5 x 10						●							
	5 x 20	5 x 20						●							
	5 x 30	5 x 30						●							
	6 x 10	6 x 10						●							
	6 x 20	6 x 20						●							
	6 x 30	6 x 30						●							
	8 x 20	8 x 20						●							
8 x 30	8 x 30						●								

P4 Series

- Pneumatic cylinders
- Hand/Chuck
- Related products
- Cylinder Switch
- Pneumatic actuator**
- Vacuum components**
- Pneumatic valves**
- Clean air components
- Speed controller
- Fitting
- Auxiliary valve
- Silencer
- Tube
- Gas generator**
- Fluid control components
- Motor specification
- Motorless specifications
- Electric actuator**