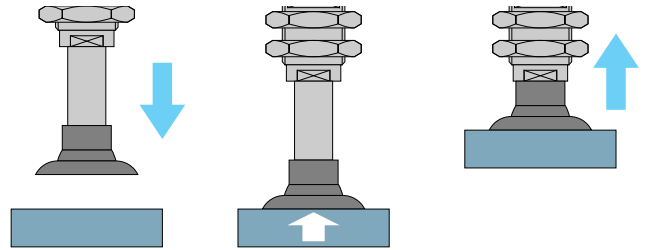


# Vacuum Cylinder

## Features

- The vacuum cylinder is a vacuum pad incorporating a vacuum generator and cylinder. Let compressed air flow, and your work will be held and raised under suction.



## Model Designation (Example)

VSPE (1) 40 (2) = 10 (3) LN (4) 6J (5)

(1) Type

(2) Pad dia.

Code	4	6	8	10	15	20	30	40
dia. mm	φ4	φ6	φ8	φ10	φ15	φ20	φ30	φ40
inch	0.16	0.24	0.31	0.39	0.59	0.79	1.18	1.57

(3) Stroke

Code	5	10	20	30
Stroke	5mm	10mm	20mm	30mm
	0.197in.	0.394in.	0.787in.	1.181in.

(4) Pad material

Code	LN	LS
Material	Nitrile rubber	Silicon rubber
Code	LFS	
Material	Fluorosilicon rubber	

(5) Joint size

Joint size	Quick-fitting joint	Quick-fitting joint
Code	4J	6J
Size(O.D.xI.D.)	4mmx2.5mm(0.16x0.10in.)	6mmx4mm(0.24x0.16in.)
Pad dia.	φ4mm~φ40mm(φ0.16~φ1.57in.)	

## ⚠ Detailed Safety Instructions

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in This Manual" on pages 23~24 and "Common Safety Instructions for Vacuum Pads" on page 439~440.

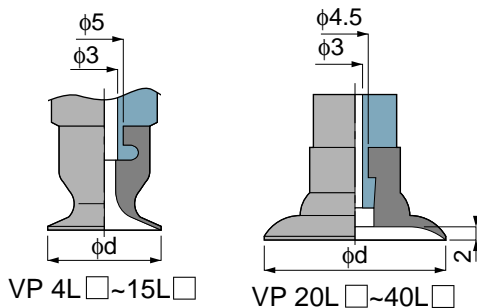
### ⚠ Warning

1. Do not give lateral forces to the ejector and shaft of the Vacuum Cylinder. Damage to the cylinder body may result.
2. Do not give tension or twist to the joint of the Vacuum Cylinder. Damage to the cylinder body may result.

### ⚠ Caution

1. Note that the silencer element can not be replaced.
2. In handling the ejector and the pad, observe the "Common Safety Instructions for Vacuum and those for Vacuum Pads".

## ● Pad mounting shape



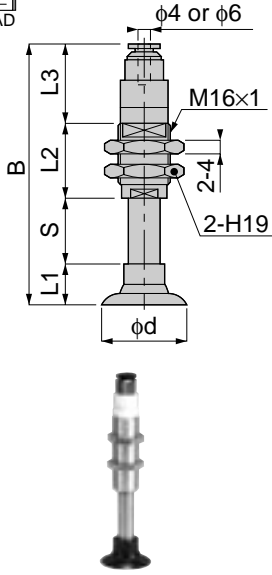
unit:mm

Type	Pad outer dia. φd
VP 4L□	4
VP 6L□	6
VP 8L□	8
VP 10L□	10
VP 15L□	15
VP 20L□	20
VP 30L□	30
VP 40L□	40

# Vacuum Series Vacuum Cylinder

## VSPE

Vacuum Cylinder



unit:mm

Model	Pad dia. φd	B		L1	L2	L3		Stroke S	Mass(g)	
		4J	6J			4J	6J		4J	6J
VSPE 4-5L□□J	4	63	64	12	22	23.5	25	5	34	34
VSPE 6-5L□□J	6	63	64	12	22	23.5	25	5	34	34
VSPE 8-5L□□J	8	63	64	12	22	23.5	25	5	34	34
VSPE 10-5L□□J	10	64.5	66	14	22	23.5	25	5	34.5	34
VSPE 15-5L□□J	15	64.5	66	14	22	23.5	25	5	34.5	34
VSPE 20-5L□□J	20	65.5	67	15	22	23.5	25	5	36	35.5
VSPE 30-5L□□J	30	65.5	67	15	22	23.5	25	5	37.5	37.5
VSPE 40-5L□□J	40	65.5	72	15	22	23.5	25	5	41.5	41
VSPE 4-10L□□J	4	73	74	12	27	23.5	25	10	37	36.5
VSPE 6-10L□□J	6	73	74	12	27	23.5	25	10	37	36.5
VSPE 8-10L□□J	8	73	74	12	27	23.5	25	10	37	36.5
VSPE 10-10L□□J	10	74.5	76	14	27	23.5	25	10	37	37
VSPE 15-10L□□J	15	74.5	76	14	27	23.5	25	10	41.5	37
VSPE 20-10L□□J	20	75.5	77	15	27	23.5	25	10	38.5	38
VSPE 30-10L□□J	30	75.5	77	15	27	23.5	25	10	40.5	40
VSPE 40-10L□□J	40	75.5	77	15	27	23.5	25	10	41.5	43.5
VSPE 4-20L□□J	4	92.5	94	12	37	23.5	25	20	41.5	41.5
VSPE 6-20L□□J	6	92.5	94	12	37	23.5	25	20	41.5	41.5
VSPE 8-20L□□J	8	92.5	94	12	37	23.5	25	20	41.5	41.5
VSPE 10-20L□□J	10	94.5	96	14	37	23.5	25	20	42	41.5
VSPE 15-20L□□J	15	94.5	96	14	37	23.5	25	20	42	41.5
VSPE 20-20L□□J	20	95.5	97	15	37	23.5	25	20	43	42.5
VSPE 30-20L□□J	30	95.5	97	15	37	23.5	25	20	44.5	44.5
VSPE 40-20L□□J	40	95.5	97	15	37	23.5	25	20	46.5	48
VSPE 4-30L□□J	4	113	114	12	47	23.5	25	30	46.5	46.5
VSPE 6-30L□□J	6	113	114	12	47	23.5	25	30	47	46.5
VSPE 8-30L□□J	8	113	114	12	47	23.5	25	30	47	46.5
VSPE 10-30L□□J	10	114.5	116	14	47	23.5	25	30	47	46.5
VSPE 15-30L□□J	15	114.5	116	14	47	23.5	25	30	47	46.5
VSPE 20-30L□□J	20	115.5	117	15	47	23.5	25	30	48.5	48
VSPE 30-30L□□J	30	115.5	117	15	47	23.5	25	30	48.5	50
VSPE 40-30L□□J	40	115.5	117	15	47	23.5	25	30	54	53.5

