S-ZP Compact type vacuum pad with buffer

How to order

S-ZP | ① Vacuum inlet direction: T | ② Pad dia(mm): 02 | ③ Pad type: UA | ④ Material: N | ⑤ Vacuum entry port: B3 | ⑥ Connection thread: A6

S-ZP | T | 02 | UA | N | Pad Type ⑤: J | Buffer Stroke ⑥: 6 - B3

① Vacuum inlet direction	
T	Vertical Vacuum Port
Y	Horizontal Vacuum Port

② Pad dia (mm)○	
015	ø1.5
02	ø2
035	ø3.5

④ material □	
N	NBR
S	Silicone rubber

⑤ Pad type ●	
J	Rotating
K	Non-rotating

⑥ Buffer stroke■	
3	3 mm
6	6 mm

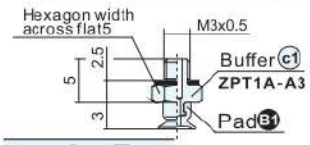
Mounting thread diameter	Tightening Torque (N•m)	Spring Reactive force	
		0 stroke	Full stroke
M6 x 0.75	1.5-1.8	0.2	0.4

Dimensions

(mm)

Compact vacuum pad

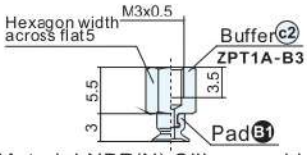
S-ZPT Vertical vacuum entry male thread A3,A4



S-ZPT○UA□-A3 | S-ZPT○UA□-A4

○ Symbol of pad dia: 015,02,035 □ Material:NBR(N),Silicone rubber(S)

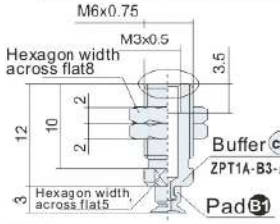
S-ZPT Vertical vacuum entry female thread B3



S-ZPT○UA□-B3

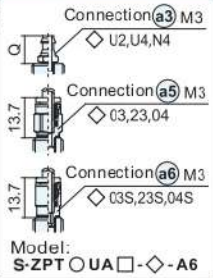
○ Symbol of pad dia: 015,02,035 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry connector with plate B3,U2,U4,N4,03,23,04,03S,23S,04S



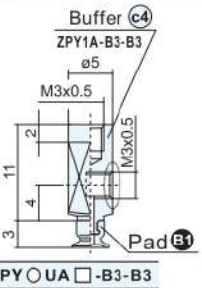
S-ZPT○UA□-B3-A6

Connection



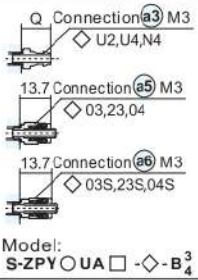
○ Symbol of pad dia: 015,02,035 □ Material:NBR(N),Silicone rubber(S)

S-ZPY Lateral vacuum entry female thread B3,B4



S-ZPY○UA□-B3-B3 | S-ZPY○UA□-B3-B4

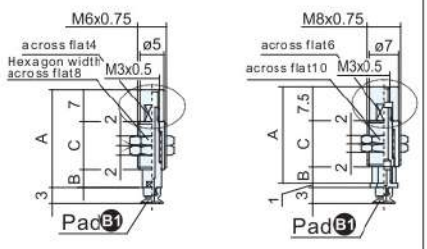
Connection



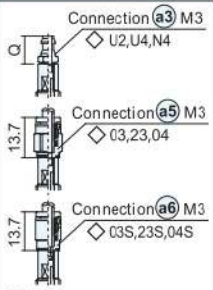
○ Symbol of pad dia: 015,02,035 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry with buffer 3,6

Rotating: S-ZPT○UA□J■-B3 Non-rotating: S-ZPT○UA□K■-B3



Connection

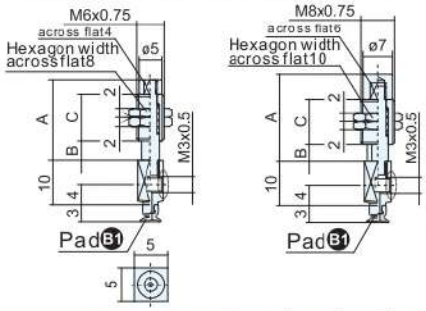


Model	A	B	C	g2 Buffer Model
S-ZPT○UA□J3-B3	21	4	10	ZPT1A-J3-B3
S-ZPT○UA□J6-B3	28	7	14	ZPT1A-J6-B3
S-ZPT○UA□K3-B3	22.5	4	11	ZPT1A-K3-B3
S-ZPT○UA□K6-B3	29	7	14.5	ZPT1A-K6-B3

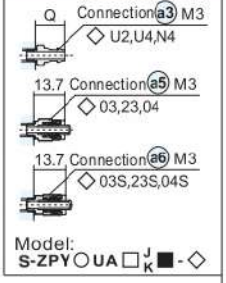
○ Symbol of pad dia:015,02,035 □ Material:NBR(N),Silicone rubber(S) ■ Buffer stroke(mm): 3,6

S-ZPY Lateral vacuum entry with buffer 3,6

Rotating: S-ZPY○UA□J■-B3 Non-rotating: S-ZPY○UA□K■-B3



Connection



Model	A	B	C	Buffer Model	
S-ZPY○UA□J3-B3	17	4	10	f2+c4	ZPY1A-J3-B3
S-ZPY○UA□J6-B3	24	7	14		ZPY1A-J6-B3
S-ZPY○UA□K3-B3	21.5	4	11	f3+c4	ZPY1A-K3-B3
S-ZPY○UA□K6-B3	28	7	14.5		ZPY1A-K6-B3

○ Symbol of pad dia:015,02,035 □ Material:NBR(N),Silicone rubber(S) ■ Buffer stroke(mm):3,6

矮小型真空吸盘(ø4～ø16)
带适配器&带缓冲支架 C-ZP系列

型号表示方法

矮小型真空吸盘
带适配器 C-ZP

①Vacuum inlet direction	②Pad dia(mm)	③Pad type	④Material		⑦Vacuum entry port		⑧Connection thread
T	04	UM	N	-	B5	-	

①真空口方向			⑦真空口连接 ◇						⑧安装螺纹
T	垂直真空口		A4	A5					-
			B4	B5					-
			U2	U4	N4	U6	N6		A10
			B5	04	06				A12
Y	水平真空口		U2	U4	N4	U6	N6		B4 B5
YB			B5	03	23	04	06		
			03S	23S	04S	06S			

③Pad type ☆ ○ \ ②Symbol of pad dia (mm)	04 ø4	06 ø6	08 ø8	10 ø10	13 ø13	16 ø16
UM 沟槽带肋		C1			D1	
BA 风琴型2层		C2			D2	

④ Material □	
N	NBR(N)
S	Silicone rubber(S)

⑦ 真空口连接尺寸说明

male thread	A4	M4 x 0.7	外六角快速接头	03	ø3	内六角快速接头	03S	ø3	Barb fitting	U2 ø2PU软管
	A5	M5 x 0.8		23	ø3.2		23S	ø3.2		U4 ø4PU软管
Female thread	B4	M4 x 0.7		04	ø4		04S	ø4		N4 ø4尼龙管
	B5	M5 x 0.8		06	ø6		06S	ø6		U6 ø6PU软管
										N6 ø6尼龙管

⑧ 安装螺纹尺寸说明

male thread	A10	M10 x 1.0	Female thread	B4	M4 x 0.7
	A12	M12 x 1.0		B5	M5 x 0.8

Female thread

矮小型真空吸盘
带缓冲支架 C-ZP

①Vacuum inlet direction	②Pad dia(mm)	③Pad type	④Material	⑤缓冲类型	⑥缓冲行程		⑦Vacuum entry port
T	04	UM	N	J	6	-	B5

①真空口方向		
T	垂直真空口	
Y	水平真空口	
YB		

③Pad type ☆ ○ \ ②Pad diameter(mm)	04 ø4	06 ø6	08 ø8	10 ø10	13 ø13	16 ø16
UM 沟槽带肋		C1			D1	
BA 风琴型2层		C2			D2	

④ Material □	
N	NBR
S	Silicone rubber

⑤缓冲类型 ● ■ \ ⑥Buffer stroke(mm)	3	6	10	15	20
J Rotating	●	●	●	-	-
JB Rotating	-	-	-	●	●
K Non-rotating	●	●	●	●	●

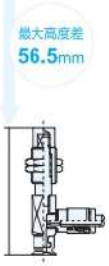
⑦ 真空口连接尺寸说明

外螺纹	A4	M4 x 0.7	外六角快速接头	03	ø3	内六角快速接头	03S	ø3	倒钩接头	U2 ø2PU软管
	A5	M5 x 0.8		23	ø3.2		23S	ø3.2		U4 ø4PU软管
内螺纹	B4	M4 x 0.7		04	ø4		04S	ø4		N4 ø4尼龙管
	B5	M5 x 0.8		06	ø6		06S	ø6		U6 ø6PU软管
										N6 ø6尼龙管

安装螺纹	安装螺母紧固力矩(N•m)	弹簧缓冲作用力(N)	
		0行程	满行程
M8 x 0.75	2.0-2.5	0.2	0.5

特点

吸盘直径ø8带快速接头



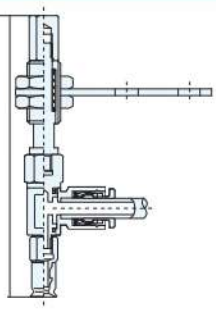
矮小型结构紧凑

矮小型缓冲吸盘

缓冲行程	总高度
3	39.5
6	46
10	56
15	59
20	66.5
25	-

标准型缓冲吸盘

缓冲行程	总高度
3	-
6	78.5
10	110.5
15	115.5
20	-
25	125.5



S-ZP Compact type vacuum pad **UM (ø4 ~ ø8)** with buffer

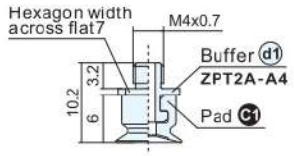
Dimensions

(mm)

Short type pad Buffer

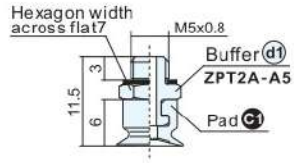
S-ZPT Vertical vacuum entry male thread A4,A5

A4



Model	S-ZPT○UM□-A4

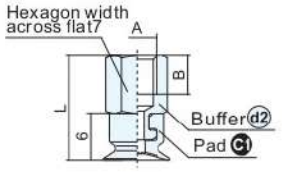
A5



Model	S-ZPT○UM□-A5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry female thread B4,B5



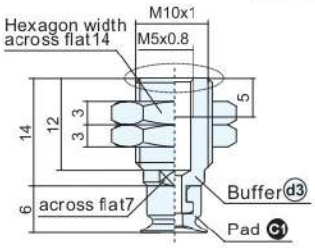
Model	A	B	L	Buffer model
S-ZPT○UM□-B4	M4x0.7	4	12	ZPT2A-B4
S-ZPT○UM□-B5	M5x0.8	5	13.5	ZPT2A-B5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry connector with plate B5,U2,U4,N4

Connection

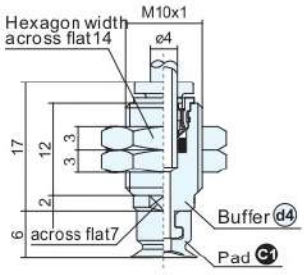
Model:
S-ZPT○UM□-◇-A10



Model	S-ZPT○UM□-B5-A10

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry connector with plate 04

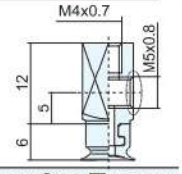


Model	S-ZPT○UM□-04-A10

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

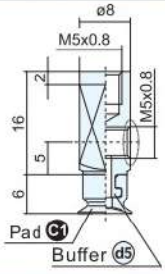
S-ZPY Lateral vacuum entry female thread B4,B5

B4



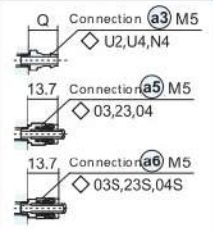
Model	S-ZPY○UM□-B5-B4

B5



Model	S-ZPY○UM□-B5-B5

Connection

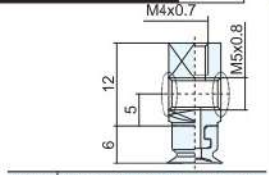


Model:
S-ZPY○UM□-◇-B$^{4}_{5}$

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

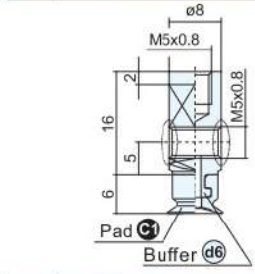
S-ZPYB Lateral vacuum entry male thread B4,B5

B4



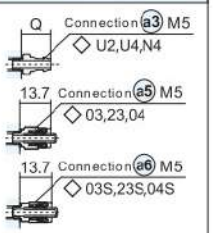
Model	S-ZPYB○UM□-B5-B4

B5



Model	S-ZPYB○UM□-B5-B5

Connection



Model:
S-ZPYB○UM□-◇-B$^{4}_{5}$

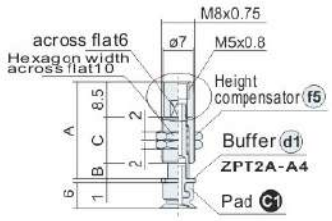
○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

Dimensions

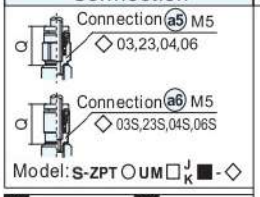
(mm)

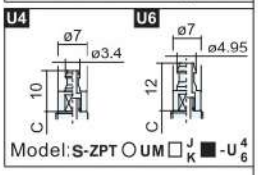
Compact vacuum pad

S-ZPT Vertical vacuum entry with buffer **3,6,10**



Connection

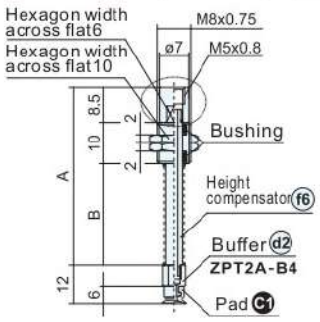




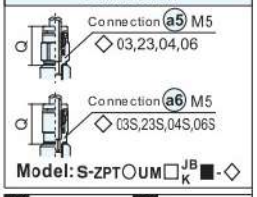
Model	A	B	C	f5+d1 Buffer model
S-ZPT○UM□●3-B5	23.5	4	11	ZPT2A-●3-B5
S-ZPT○UM□●6-B5	30	7	14.5	ZPT2A-●6-B5
S-ZPT○UM□●10-B5	40	11	20.5	ZPT2A-●10-B5

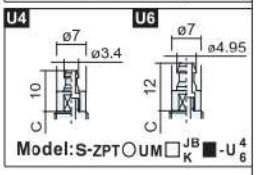
○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)
■ Buffer stroke: 3,6,10 ● Buffer model:Rotating:Non-rotating

S-ZPT Vertical vacuum entry with buffer **15,20**



Connection

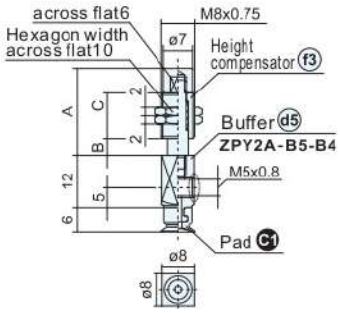




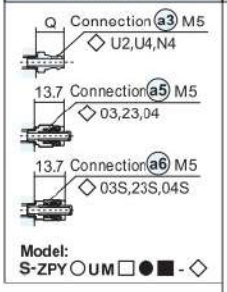
Model	A	B	f6+d2 Buffer model
S-ZPT○UM□●15-B5	43	24.5	ZPT2A-●15-B5
S-ZPT○UM□●20-B5	50.5	32	ZPT2A-●20-B5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)
■ Buffer stroke: 15,20 ● Buffer model:Rotating:Non-rotating

S-ZPY Vertical vacuum entry with buffer **3,6,10**



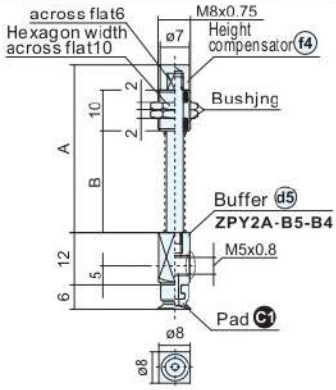
Connection



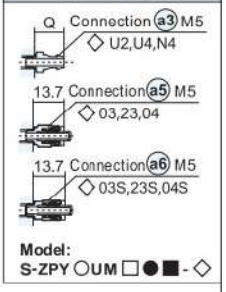
Model	A	B	C	f3+d5 Buffer model
S-ZPY○UM□●3-B5	21.5	4	11	ZPY2A-●3-B5
S-ZPY○UM□●6-B5	28	7	14.5	ZPY2A-●6-B5
S-ZPY○UM□●10-B5	38	11	20.5	ZPY2A-●10-B5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)
■ Buffer stroke: 3,6,10 ● Buffer model:Rotating:Non-rotating

S-ZPY Lateral vacuum entry with buffer **15,20**



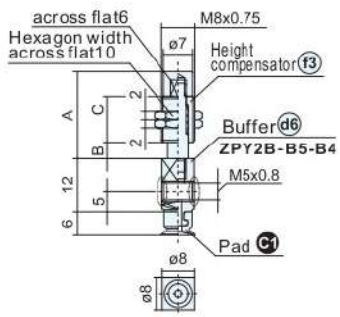
Connection



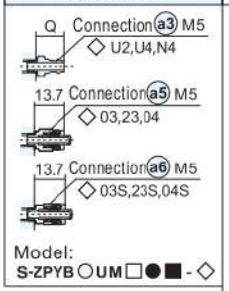
Model	A	B	f4+d5 Buffer model
S-ZPY○UM□●15-B5	41	24.5	ZPY2A-●15-B5
S-ZPY○UM□●20-B5	48.5	32	ZPY2A-●20-B5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)
■ Buffer stroke: 15,20 ● Buffer model:Rotating:Non-rotating

S-ZPYB Lateral vacuum entry with buffer **3,6,10**



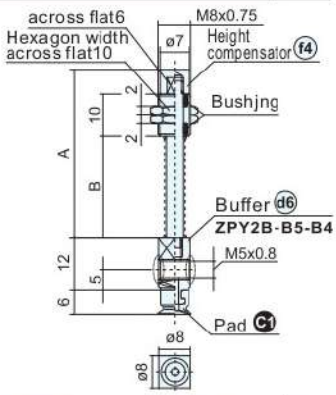
Connection



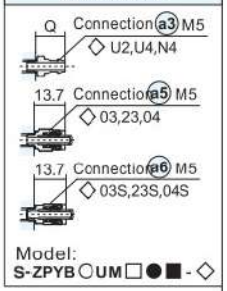
Model	A	B	C	f3+d6 Buffer model
S-ZPYB○UM□●3-B5	21.5	4	11	ZPY2B-●3-B5
S-ZPYB○UM□●6-B5	28	7	14.5	ZPY2B-●6-B5
S-ZPYB○UM□●10-B5	38	11	20.5	ZPY2B-●10-B5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)
■ Buffer stroke: 3,6,10 ● Buffer model:Rotating Non-rotating

S-ZPYB Vertical vacuum entry with buffer **15,20**



Connection



Model	A	B	f4+d6 Buffer model
S-ZPYB○UM□●15-B5	41	24.5	ZPY2B-●15-B5
S-ZPYB○UM□●20-B5	48.5	32	ZPY2B-●20-B5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)
■ Buffer stroke: 15,20 ● Buffer model:Rotating Non-rotating

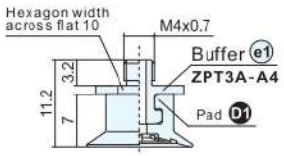
S-ZP Compact type vacuum pad **UM (ø10 ~ ø16)** with buffer

Dimensions

(mm)

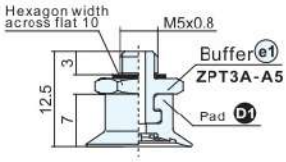
S-ZPT Vertical vacuum entry with buffer **A4,A5**

A4



Model	S-ZPT○UM□-A4

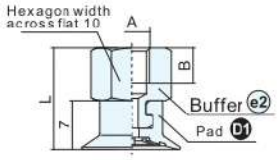
A5



Model	S-ZPT○UM□-A5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)

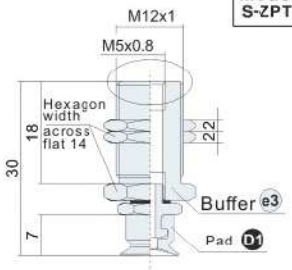
S-ZPT Vertical vacuum entry female thread **B4,B5**



Model	A	B	L	Buffer model
S-ZPT○UM□-B4	M4x0.7	4	13	ZPT3A-B4
S-ZPT○UM□-B5	M5x0.8	5	14.5	ZPT3A-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)

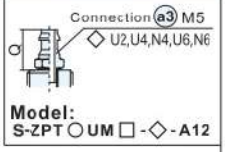
S-ZPT Vertical vacuum entry connector with plate **B5,U2,U4,N4,U6,N6**



Model	S-ZPT○UM□-B5-A12

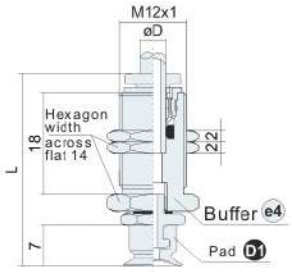
○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)

Connection



Model:
S-ZPT○UM□-◇-A12

S-ZPT Vertical vacuum entry connector with plate **04,06**

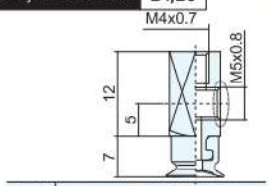


Model	øD	L	Buffer model
S-ZPT○UM□-04-A12	4	33	ZPT3A-04-A12
S-ZPT○UM□-06-A12	6	33.2	ZPT3A-06-A12

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)

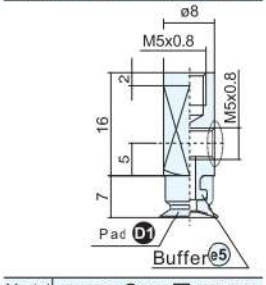
S-ZPY Lateral vacuum entry female thread **B4,B5**

B4



Model	C-ZPY○UM□-B5-B4

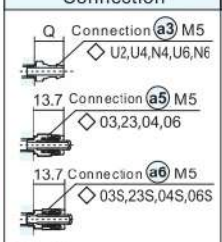
B5



Model	S-ZPY○UM□-B5-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)

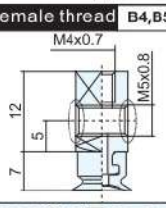
Connection



Model:
S-ZPY○UM□-◇-B$^{4}_{5}$

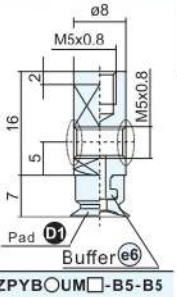
S-ZPYB Lateral vacuum entry female thread **B4,B5**

B4



Model	S-ZPYB○UM□-B5-B4

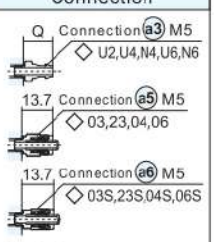
B5



Model	S-ZPYB○UM□-B5-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)

Connection

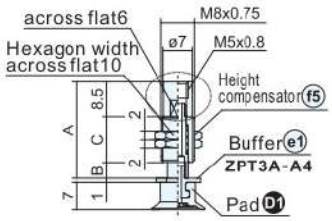


Model:
S-ZPYB○UM□-◇-B$^{4}_{5}$

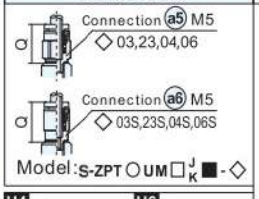
Dimensions

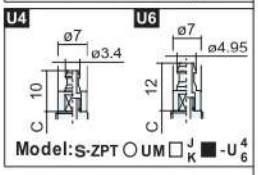
(mm)

S-ZPT Vertical vacuum entry with buffer **3,6,10**



Connection

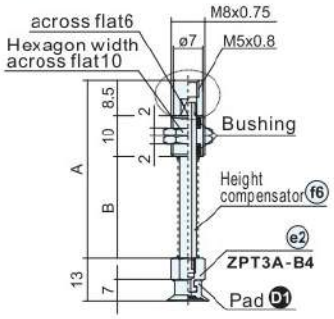




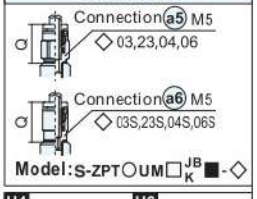
Model	A	B	C	f5 + e1 Buffer model
S-ZPT○UM□●3-B5	23.5	4	11	ZPT3A-●3-B5
S-ZPT○UM□●6-B5	30	7	14.5	ZPT3A-●6-B5
S-ZPT○UM□●10-B5	40	11	20.5	ZPT3A-●10-B5

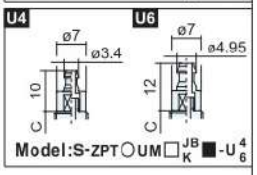
○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating Non-rotating

S-ZPT Vertical vacuum entry with buffer **15,20**



Connection

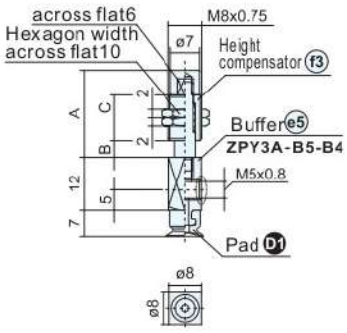




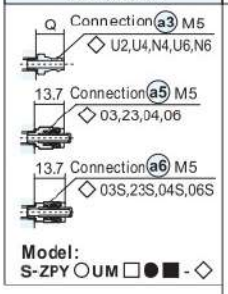
Model	A	B	f6 + e2 Buffer model
S-ZPT○UM□●15-B5	43	24.5	ZPT3A-●15-B5
S-ZPT○UM□●20-B5	50.5	32	ZPT3A-●20-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm) ● Buffer model: Rotating Non-rotating

S-ZPY Lateral vacuum entry with buffer **3,6,10**



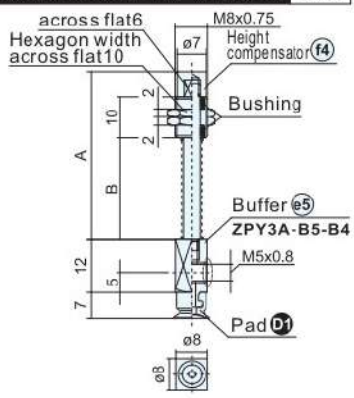
Connection



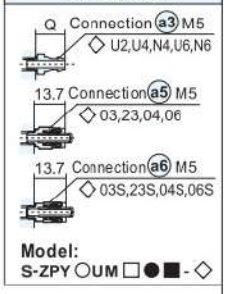
Model	A	B	C	f3 + e5 Buffer model
S-ZPY○UM□●3-B5	21.5	4	11	ZPY3A-●3-B5
S-ZPY○UM□●6-B5	28	7	14.5	ZPY3A-●6-B5
S-ZPY○UM□●10-B5	38	11	20.5	ZPY3A-●10-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating Non-rotating

S-ZPY Lateral vacuum entry with buffer **15,20**



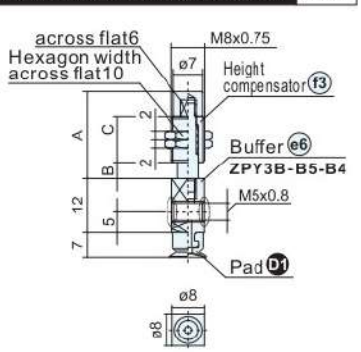
Connection



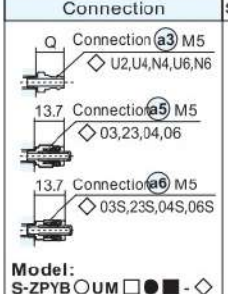
Model	A	B	f4 + e5 Buffer model
S-ZPY○UM□●15-B5	41	24.5	ZPY3A-●15-B5
S-ZPY○UM□●20-B5	48.5	32	ZPY3A-●20-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 15,20 ● Buffer model: Rotating Non-rotating

S-ZPYB Lateral vacuum entry with buffer **3,6,10**



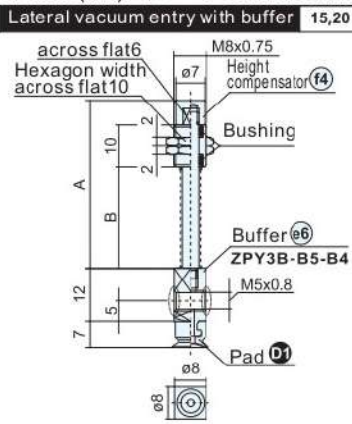
Connection



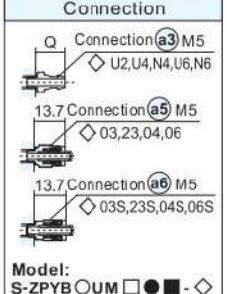
Model	A	B	C	f3 + e6 Buffer model
S-ZPYB○UM□●3-B5	21.5	4	11	ZPY3B-●3-B5
S-ZPYB○UM□●6-B5	28	7	14.5	ZPY3B-●6-B5
S-ZPYB○UM□●10-B5	38	11	20.5	ZPY3B-●10-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating Non-rotating

S-ZPYB Lateral vacuum entry with buffer **15,20**



Connection



Model	A	B	f4 + e6 Buffer model
S-ZPYB○UM□●15-B5	41	24.5	ZPY3B-●15-B5
S-ZPYB○UM□●20-B5	48.5	32	ZPY3B-●20-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 15,20 ● Buffer model: Rotating Non-rotating

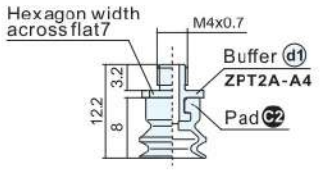
S-ZP Compact type vacuum pad with buffer **BA (ø4 ~ ø8)**

Dimensions

(mm)

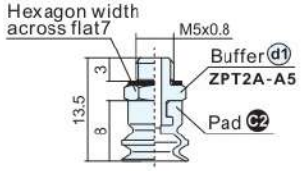
S-ZPT Vertical vacuum entry male thread **A4,A5**

A4



Model	S-ZPT○BA□-A4

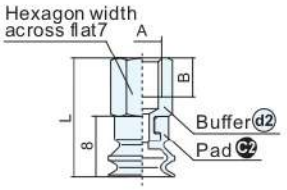
A5



Model	S-ZPT○BA□-A5

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry female thread **B4,B5**

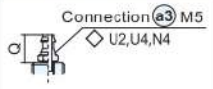


Model	A	B	L	Buffer model
S-ZPT○BA□-B4	M4x0.7	4	14	ZPT2A-B4
S-ZPT○BA□-B5	M5x0.8	5	15.5	ZPT2A-B5

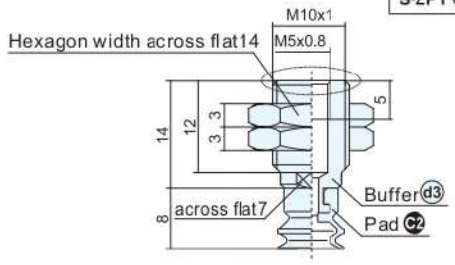
○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry connector with plate **B5,U2,U4,N4**

Connection



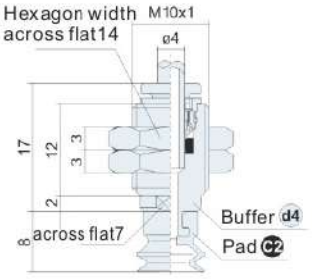
S-ZPT○BA□-◇-A10



Model	S-ZPT○BA□-B5-A10

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry connector with plate **04**

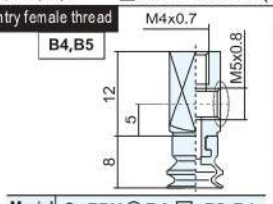


Model	S-ZPT○BA□-04-A10

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

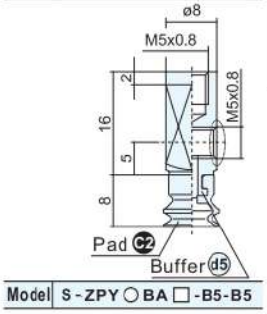
S-ZPY Lateral vacuum entry female thread **B4,B5**

B4



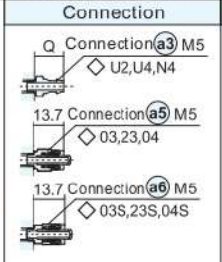
Model	S-ZPY○BA□-B5-B4

B5



Model	S-ZPY○BA□-B5-B5

Connection

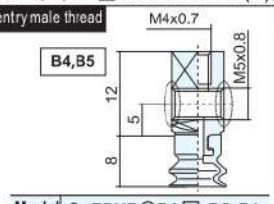


Model: S-ZPY○BA□-◇-B $^{4}_{5}$

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

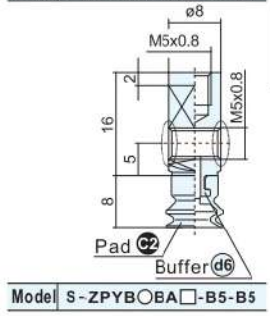
S-ZPYB Lateral vacuum entry male thread **B4,B5**

B4



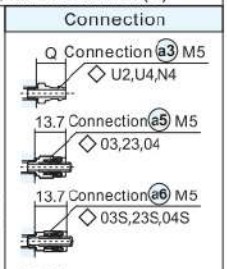
Model	S-ZPYB○BA□-B5-B4

B5



Model	S-ZPYB○BA□-B5-B5

Connection



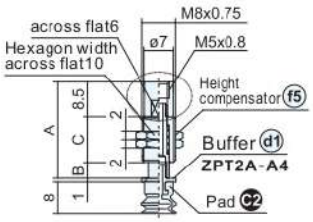
Model: S-ZPYB○BA□-◇-B $^{4}_{5}$

○ Symbol of pad dia: 04,06,08 □ Material:NBR(N),Silicone rubber(S)

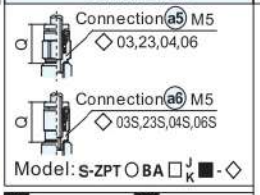
Dimensions

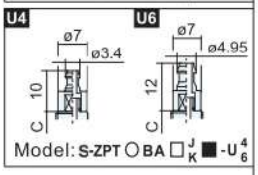
(mm)

S-ZPT Vertical vacuum entry with buffer 3,6,10



Connection

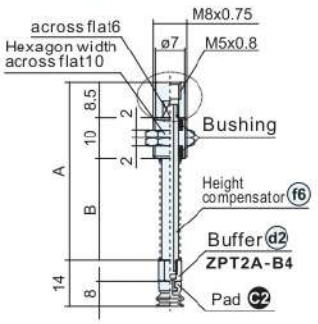




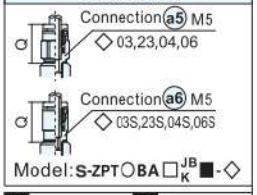
Model	A	B	C	f5+d1 Buffer model
S-ZPT○BA□●3-B5	23.5	4	11	ZPT2A-●3-B5
S-ZPT○BA□●6-B5	30	7	14.5	ZPT2A-●6-B5
S-ZPT○BA□●10-B5	40	11	20.5	ZPT2A-●10-B5

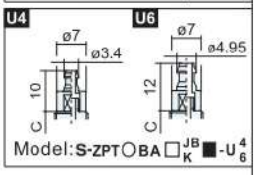
○ Symbol of pad dia: 04,06,08 □ Material: NBR(N),Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating Non-rotating

S-ZPT Vertical vacuum entry with buffer 15,20



Connection

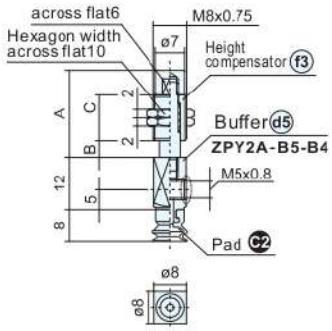




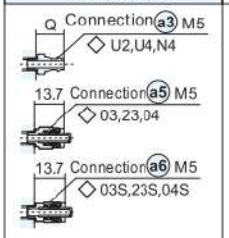
Model	A	B	f6+d2 Buffer model
S-ZPT○BA□●15-B5	43	24.5	ZPT2A-●15-B5
S-ZPT○BA□●20-B5	50.5	32	ZPT2A-●20-B5

○ Symbol of pad dia: 04,06,08 □ Material: NBR(N),Silicone rubber(S)
■ Buffer stroke(mm): 15,20 ● Buffer model: Rotating Non-rotating

S-ZPY Lateral vacuum entry with buffer 3,6,10



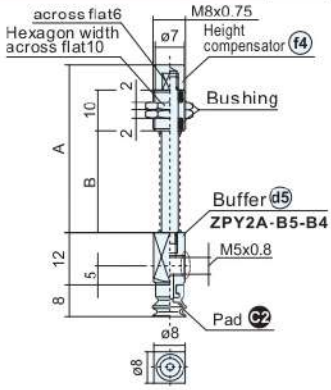
Connection



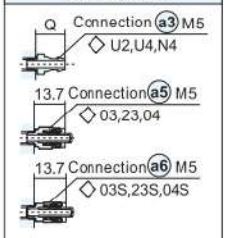
Model	A	B	C	f3+d5 Buffer model
S-ZPY○BA□●3-B5	21.5	4	11	ZPY2A-●3-B5
S-ZPY○BA□●6-B5	28	7	14.5	ZPY2A-●6-B5
S-ZPY○BA□●10-B5	38	11	20.5	ZPY2A-●10-B5

○ Symbol of pad dia: 04,06,08 □ Material: NBR(N),Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating Non-rotating

S-ZPY Lateral vacuum entry with buffer 15,20



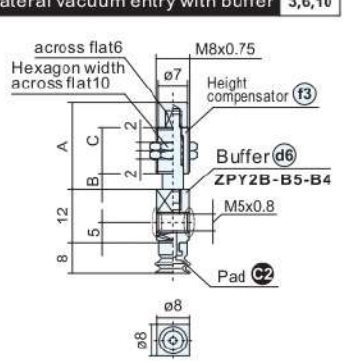
Connection



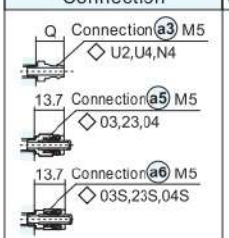
Model	A	B	f4+d5 Buffer model
S-ZPY○BA□●15-B5	41	24.5	ZPY2A-●15-B5
S-ZPY○BA□●20-B5	48.5	32	ZPY2A-●20-B5

○ Symbol of pad dia: 04,06,08 □ Material: NBR(N),Silicone rubber(S)
■ Buffer stroke(mm): 15,20 ● Buffer model: Rotating Non-rotating

S-ZPYB Lateral vacuum entry with buffer 3,6,10



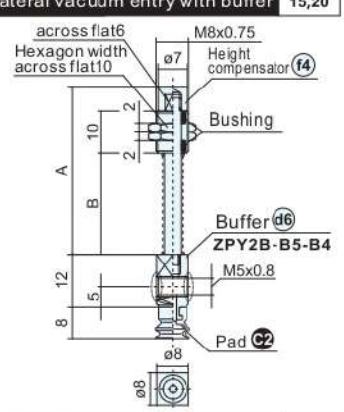
Connection



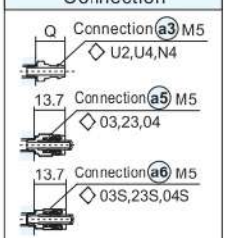
Model	A	B	C	f3+d6 Buffer model
S-ZPYB○BA□●3-B5	21.5	4	11	ZPY2B-●3-B5
S-ZPYB○BA□●6-B5	28	7	14.5	ZPY2B-●6-B5
S-ZPYB○BA□●10-B5	38	11	20.5	ZPY2B-●10-B5

○ Symbol of pad dia: 04,06,08 □ Material: NBR(N),Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating Non-rotating

S-ZPYB Lateral vacuum entry with buffer 15,20



Connection



Model	A	B	f4+d6 Buffer model
S-ZPYB○BA□●15-B5	41	24.5	ZPY2B-●15-B5
S-ZPYB○BA□●20-B5	48.5	32	ZPY2B-●20-B5

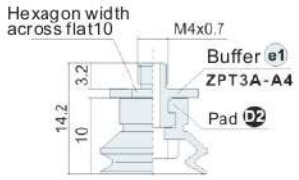
○ Symbol of pad dia: 04,06,08 □ Material: NBR(N),Silicone rubber(S)
■ Buffer stroke(mm): 15,20 ● Buffer model: Rotating Non-rotating

S-ZP Compact type vacuum pad BA(ø10 ~ ø16) with buffer

Dimensions (mm)

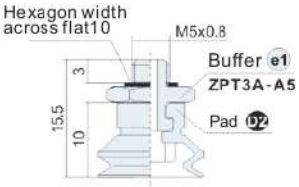
S-ZPT Vertical vacuum entry male thread A4,A5

A4



Model	S-ZPT○BA□-A4

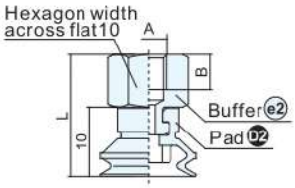
A5



Model	S-ZPT○BA□-A5

○ Symbol of pad dia: 10,13,16 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry female thread B4,B5

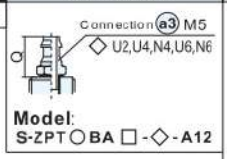


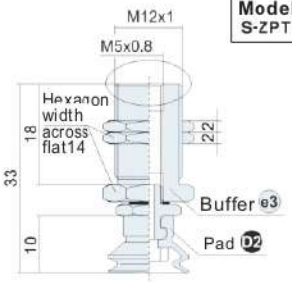
Model	A	B	L	Buffer model
S-ZPT○BA□-B4	M4x0.7	4	16	ZPT3A-B4
S-ZPT○BA□-B5	M5x0.8	5	17.5	ZPT3A-B5

○ Symbol of pad dia: 10,13,16 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry connector with plate B5,U2,U4,N4,U6,N6

Connection

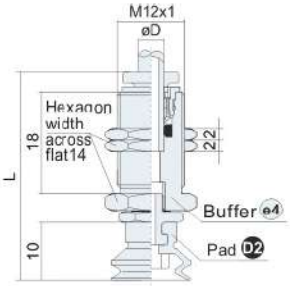




Model	S-ZPT○BA□-B5-A12

○ Symbol of pad dia: 10,13,16 □ Material:NBR(N),Silicone rubber(S)

S-ZPT Vertical vacuum entry connector with plate 04,06

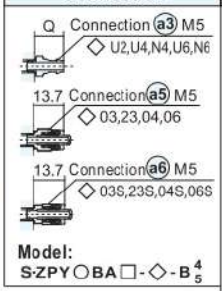


Model	øD	L	Buffer model
S-ZPT○BA□-04-A12	4	36	ZPT3A-04-A12
S-ZPT○BA□-06-A12	6	36.2	ZPT3A-06-A12

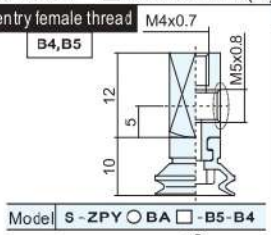
○ Symbol of pad dia: 10,13,16 □ Material:NBR(N),Silicone rubber(S)

S-ZPY Lateral vacuum entry female thread B4,B5

Connection

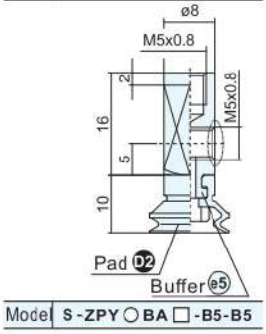


B4



Model	S-ZPY○BA□-B5-B4

B5

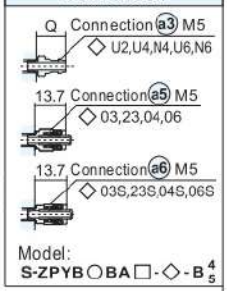


Model	S-ZPY○BA□-B5-B5

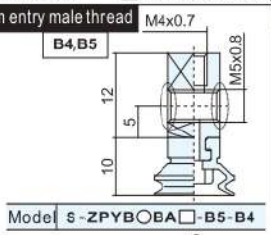
○ Symbol of pad dia: 10,13,16 □ Material:NBR(N),Silicone rubber(S)

S-ZPYB Lateral vacuum entry male thread B4,B5

Connection

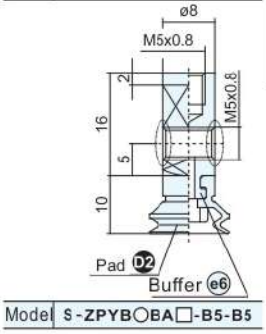


B4



Model	S-ZPYB○BA□-B5-B4

B5



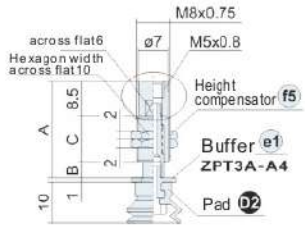
Model	S-ZPYB○BA□-B5-B5

○ Symbol of pad dia: 10,13,16 □ Material:NBR(N),Silicone rubber(S)

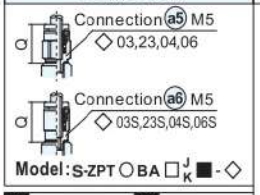
Dimensions

(mm)

S-ZPT Vertical vacuum entry with buffer **3,6,10**



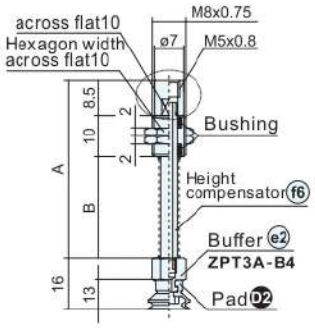
Connection



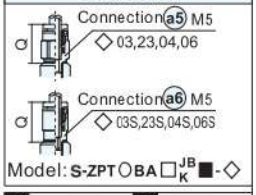
Model	A	B	C	f5+e1 Buffer model
S-ZPT○BA□●3-B5	23.5	4	11	ZPT3A-●3-B5
S-ZPT○BA□●6-B5	30	7	14.5	ZPT3A-●6-B5
S-ZPT○BA□●10-B5	40	11	20.5	ZPT3A-●10-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke: 3,6,10 ● Buffer model: Rotating Non-rotating

S-ZPT Vertical vacuum entry with buffer **15,20**



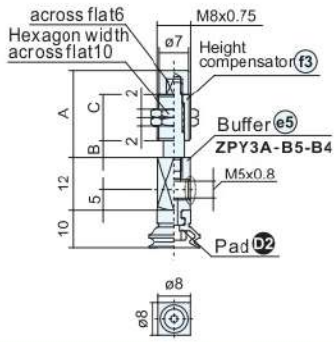
Connection



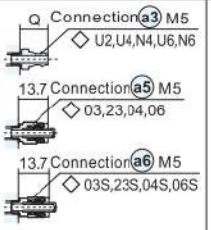
Model	A	B	f6+e2 Buffer model
S-ZPT○BA□●15-B5	43	24.5	ZPT3A-●15-B5
S-ZPT○BA□●20-B5	50.5	32	ZPT3A-●20-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke: 15,20 ● Buffer model: (JB), Non-rotating(K)

S-ZPY Lateral vacuum entry with buffer **3,6,10**



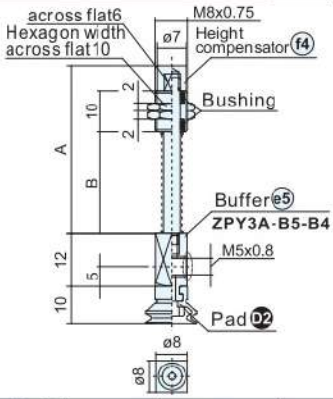
Connection



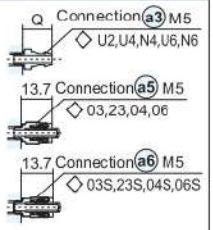
Model	A	B	C	f3+e5 Buffer model
S-ZPY○BA□●3-B5	21.5	4	11	ZPY3A-●3-B5
S-ZPY○BA□●6-B5	28	7	14.5	ZPY3A-●6-B5
S-ZPY○BA□●10-B5	38	11	20.5	ZPY3A-●10-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating(J), Non-rotating(K)

S-ZPY Lateral vacuum entry with buffer **15,20**



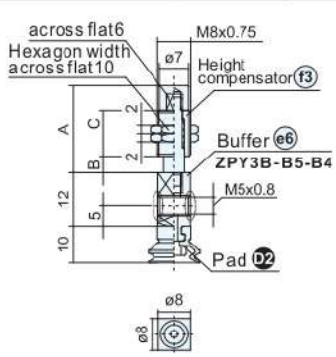
Connection



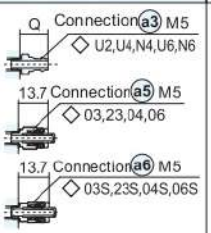
Model	A	B	f4+e5 Buffer model
S-ZPY○BA□●15-B5	41	24.5	ZPY3A-●15-B5
S-ZPY○BA□●20-B5	48.5	32	ZPY3A-●20-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 15,20 ● Buffer model: (JB), Non-rotating(K)

S-ZPYB Lateral vacuum entry with buffer **3,6,10**



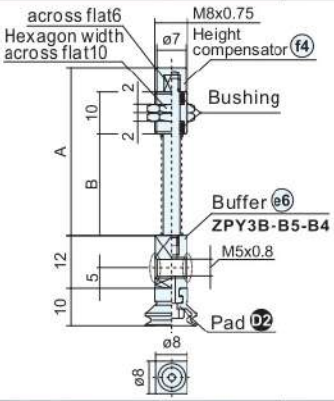
Connection



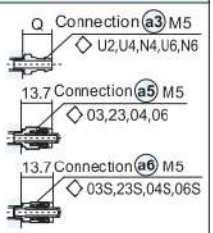
Model	A	B	C	f3+e6 Buffer model
S-ZPYB○BA□●3-B5	21.5	4	11	ZPY3B-●3-B5
S-ZPYB○BA□●6-B5	28	7	14.5	ZPY3B-●6-B5
S-ZPYB○BA□●10-B5	38	11	20.5	ZPY3B-●10-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 3,6,10 ● Buffer model: Rotating(J), Non-rotating(K)

S-ZPYB Lateral vacuum entry with buffer **15,20**



Connection



Model	A	B	f4+e6 Buffer model
S-ZPYB○BA□●15-B5	41	24.5	ZPY3B-●15-B5
S-ZPYB○BA□●20-B5	48.5	32	ZPY3B-●20-B5

○ Symbol of pad dia: 10,13,16 □ Material: NBR(N), Silicone rubber(S)
■ Buffer stroke(mm): 15,20 ● Buffer model: (JB), Non-rotating(K)