

S-ZP SERIES

Vacuum Pad With Lock Ring (ø9 ~ ø50) Adaptor

Dimensions

(mm)

Vacuum pad with lock ring										Material: NBR(N), Silicone(S)		
E4	B 2-stage bellows		10,13,16									
Model	øA	øB	øC	øD	E	P	Y	Weight(g)				
S-ZP10B	10	12	6	14	11.7	16	5.5	2.8				
S-ZP13B	13	15	9	19	14.2	18.5	7.5	4.4				
S-ZP16B	16	18	10	21	15.7	20	8.5	4.7				
F4	B 2-stage bellows		20,25,32									
Model	øA	øB	øC	øD	E	P	Y	Weight(g)				
S-ZP20B	20	22	12	25	19	23.5	10.5	5.4				
S-ZP25B	25	27	16	28	19.5	24		6.4				
S-ZP32B	32	34	19	37	24.5	29	14	8.8				
G4	B 2-stage bellows		40,50									
Model	øA	øB	øC	øD	E	P	Y	Weight(g)				
S-ZP40B	40	43	24	48	29.2	34	16	16.3				
S-ZP50B	50	53	32	57	33.2	38	19	21.5				
J	3-stage bellows		09,14,16									
Model	øA	øB	øC	øD	øE	F	P	Y	Weight(g)			
S-ZP09J	9	10	10	3	3	13.7	18	7.7	2.8			
S-ZP14J	14	15	15		5.2	19.7	24	15	3.3			
S-ZP16J	16	17.5	18		7.2							
J	4-stage bellows		25,30									
Model	øA	øB	øC	øE	F	P	Y	Weight(g)				
S-ZP25J	25	26	27	10.2	38	42.5	32.5	9.1				
S-ZP30J	30	33	32	13.8	19.7	44.5	38	12.3				

Adapter

Adapter with one-touch fitting with male thread		A6,A8									
Model	A	B	øC	E	L	Weight (g)					
ZPRL-04-A6	M6x1.0	23.3	4	8	54.5	31.1					
ZPRL-06-A6		24.3	6			31.9					
ZPRL-08-A6		26.2	8			32.7					
ZPRL-04-A8	M8x1.0	23.3	4	12	44.5	33.7					
ZPRL-06-A8		24.3	6			34.1					
ZPRL-08-A8		26.2	8			35					
Adapter with one-touch fitting with female thread		B5,B6,B8									
Model	A	B	øC	D	Weight (g)						
ZPRL-04-B5	M5x0.8	23.3	4	5	24						
ZPRL-06-B5		24.3	6		24.7						
ZPRL-08-B5		26.3	8		25.3						
ZPRL-04-B6	M6x1.0	23.3	4	6	23						
ZPRL-06-B6		24.3	6		24						
ZPRL-08-B6		26.2	8		25						
ZPRL-04-B8	M8x1.25	23.3	4	8	21.8						
ZPRL-06-B8		24.3	6		22.6						
ZPRL-08-B8		26.2	8		23.4						
Hexagon male connector with one-touch fitting		06,08									
øD	Model	øB	H	L	Q	Weight(g)					
6	KQ2H06-U01-B	5	12	19.5	14.5	6.2					
8	KQ2H08-U01-B	5.8	14	25	20.5	12.1					
Hexagon female connector with one-touch fitting		06,08									
øD	Model	øB	øC	H	L	Q	Weight(g)				
6	KQ2S06-U01-B	3.8	12	4	24	19	8				
8	KQ2S08-U01-B	4.8	14	5	27.5	22.5	11				
Female thread with one-touch fitting		04,06									
øD	Model	A	H	L	Weight(g)						
4	KJF04-M5-B	M5x0.8	8	18.8	3.8						
	KJF04-M6-B	M6x1.0		19.3	3.2						
6	KJF06-M5-B	M5x0.8	10	18	5.2						
	KJF06-M6-B	M6x1.0		20	6.6						
	KJF06-M8-B	M8x1.0	12	21	9.6						

Vacuum Pad With Lock Ring ($\phi 9 \sim \phi 50$) Adaptor

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(mm)

Adapter for vacuum pad with lock ring									
ZPT2 Vertical vacuum port with male thread		A5,A6,A01							
Adapter Model	A	B	C	L	Weight (g)	Applicable Pad			
ZPT2-A5	M5x0.8	7	4	26	4.5	E1 E2 E3			
ZPT2-A6	M6x1.0	8	3	31	5.9	E4 E5			
ZPT2-A01	-	-	-	-	8.5				
ZPT2 Vertical vacuum port with female thread		B5,B6,B01							
Adapter Model	A	B	Weight (g)	Applicable Pad					
ZPT2-B5	M5x0.8	5	4	E1 E2 E3					
ZPT2-B6	M6x1.0	6	3.7	E4 E5					
ZPT2-B01	-	-	9						
ZPT3 Vertical vacuum port with male thread		A6,A8,A01							
Adapter Model	A	B	C	D	L	Weight (g)	Applicable Pad		
ZPT3-A6	M6x1.0	5	8	8	31	6	F1 F2 F3		
ZPT3-A8	M8x1.0	10	12	12	26	13.7	F4 F5		
ZPT3-A01	-	-	-	-	-	8.2			
ZPT3 Vertical vacuum port with female thread		B5,B6,B8,B01							
Adapter Model	A	B	Weight (g)	Applicable Pad					
ZPT3-B5	M5x0.8	5	4.6	F1 F2 F3					
ZPT3-B6	M6x1.0	6	4.3	F4 F5					
ZPT3-B8	M8x1.25	8	11.4						
ZPT3-B01	Rc1/8	6.2	9.6						
ZPT4 Vertical vacuum port with male thread		A6,A8,A01							
Adapter Model	A	ϕB	C	L	Weight (g)	Applicable Pad			
ZPT4-A6	M6x1.0	3.5	8	32	13.4	G1 G2			
ZPT4-A8	M8x1.0	4.5	12	22	13.2	G3 G4			
ZPT4-A01	-	-	-	-	13.1				
ZPT4 Vertical vacuum port with female thread		B6,B8,B01							
Adapter Model	A	B	ϕC	Weight (g)	Applicable Pad				
ZPT4-B6	M6x1.0	6	4.5	17.4	G1 G2				
ZPT4-B8	M8x1.25	8		14.9	G3 G4				
ZPT4-B01	Rc1/8	6.2	6.8	10.7					
ZPR2 Lateral vacuum port with male thread		A5,A6							
Adapter Model	A	B	ϕC	D	E	L	Weight (g)	Model of connector accessories	Applicable Pad
ZPR2-04-A5	M5x0.8	20.6	4	4	7	63	21.5	ZPRS-04-A5	E1 E2 E3
ZPR2-06-A5		21.6	6				22.3	ZPRS-06-A5	
ZPR2-04-A6	M6x1.0	20.6	4	3	8	68	22.7	ZPRS-04-A6	E4 E5
ZPR2-06-A6		21.6	6				23.5	ZPRS-06-A6	
ZPR2 Lateral vacuum port with female thread		B5,B6							
Adapter Model	A	B	ϕC	D	Weight (g)	Model of connector accessories	Applicable Pad		
ZPR2-04-B5	M5x0.8	20.6	4	4	15.6	ZPRS-04-B4	E1 E2 E3		
ZPR2-06-B5		21.6	6		16.3	ZPRS-06-B4			
ZPR2-04-B6	M6x1.0	20.6	4	5	15.7	ZPRS-04-B5	E4 E5		
ZPR2-06-B6		21.6	6		16.4	ZPRS-06-B5			

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Adaptor for vacuum pad with lock ring							
ZPR3 Lateral vacuum port with male thread		A6,A8					
Model	A	B	ϕC	E	L	Weight (g)	Applicable Pad
ZPR3-04-A6	M6x1.0	23.3	4	8	78.5	42.4	
ZPR3-06-A6		24.3	6			43.2	
ZPR3-08-A6		26.2	8			44.1	
ZPR3-04-A8	M8x1.0	23.3	4	12	68.5	45	
ZPR3-06-A8		24.3	6			45.5	
ZPR3-08-A8		26.2	8			46.7	
ZPR3 Lateral vacuum port with female thread		B5,B6,B8					
Model	A	B	ϕC	D	Weight (g)	Applicable Pad	
ZPR3-04-B5	M5x0.8	23.3	4	5	35.5		
ZPR3-06-B5		24.3	6		36.1		
ZPR3-08-B5		26.3	8		36.7		
ZPR3-04-B6	M6x1.0	23.3	4	6	34.4		
ZPR3-06-B6		24.3	6		35.1		
ZPR3-08-B6		26.2	8		36.1		
ZPR3-04-B8	M8x1.25	23.3	4	8	33.1		
ZPR3-06-B8		24.3	6		33.9		
ZPR3-08-B8		26.2	8		34.5		
ZPR4 Lateral vacuum port with male thread		A6,A8					
Model	A	B	ϕC	E	L	Weight (g)	Applicable Pad
ZPR4-06-A6	M6x1.0	24.3	6	8	78.5	46.4	
ZPR4-08-A6		26.2	8			47.3	
ZPR4-06-A8	M8x1.0	24.3	6	12	68.5	48.8	
ZPR4-08-A8		26.2	8			50	
ZPR4 Lateral vacuum port with female thread		B6,B8					
Model	A	B	ϕC	D	Weight (g)	Applicable Pad	
ZPR4-06-B6	M6x1.0	24.3	6	6	39.6		
ZPR4-08-B6		26.2	8		39.5		
ZPR4-06-B8	M8x1.25	24.3	6	8	37.2		
ZPR4-08-B8		26.2	8		37.8		
ZPY2 Lateral vacuum port with male thread		A5,A6		Can be combined with connector accessories			
Model	A	B	C	L	Weight (g)	Applicable Pad	
ZPY2-B5-A5	M5x0.8	7	4	47	27.3		
ZPY2-B5-A6	M6x1.0	8	3	52	28.4		
ZPY2 Lateral vacuum port with female thread		B5,B6		Can be combined with connector accessories			
Model	A	B	Weight (g)	Applicable Pad			
ZPY2-B5-B5	M5x0.8	5	21				
ZPY2-B5-B6	M6x1.0	6	20.6				

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ZPY3	Lateral vacuum port with male thread	A6,A8		Can be combined with connector accessories Q Connector accessories (a3) M5 ◇ U4,N4,U6,N6	ZPY3 Lateral vacuum port with female thread B5,B6,B8																																	
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(mm)

Height compensator

ZPB2 Open pass height compensator 10,20,30,40,50

Can be combined with connector accessories

Connector accessories (a5) M5
 $\diamond 03,23,04,06$

Connector accessories (a6) M5
 $\diamond 03S,23S,04S,06S$

Model : ZPB2-●■-◇

N4,U4 N6,U6

N4: $\phi 2.8$ N6: $\phi 4.5$
U4: $\phi 3.4$ U6: $\phi 4.9$

Model : ZPB2-●■-◇
N4
U4
N6
U6

Model	B	C	L	● weight (g)	
				J	K
ZPB2-●10-B5	10	23	47	19.6	19.2
ZPB2-●20-B5	20	51	85	29	27.8
ZPB2-●30-B5	30		95	30.8	29.6
ZPB2-●40-B5	40	77	131	41.4	41.6
ZPB1-●50-B5	50		141	42	43

● Height compensator type: Rotative(J), Unable to rotate(K) ■ Buffer stroke(mm): 10,20,30,40,50

ZPB3 Port height compensator 10,20,30,50

Can be combined with connector accessories

Connector accessories (h3)
 $\diamond 06,08$

Connector accessories (h4)
 $\diamond 06S,08S$

Model : ZPB2-●■-◇

N6,U6 ● 10 ● 20,30,50

N6: $\phi 4.5$ U6: $\phi 4.9$

Model : ZPB2-●■-◇
N6
U6

Model	A	B	C	D	L	● weight (g)	
						J	K
ZPB3-●10-B5	M5x0.8	10	50	10	77	68	64.2
ZPB3-●20-B5		20			81	68.8	67
ZPB3-●30-B5		30			91	71.6	71.4
ZPB3-●50-B5	Rc1/8	50	75	12	136	97.5	97.6
ZPB3-●10-B01		10	50		78.5	70.4	66.6
ZPB3-●20-B01		20			84	69.8	67
ZPB3-●30-B01	30	94		72.6	71		
ZPB3-●50-B01	50	75	75	139	97.2	95	

● Height compensator type: Rotative(J), Unable to rotate(K) ■ Buffer stroke(mm): 10,20,30,50

ZPB2 Closed pass height compensator 10,20,30,40,50

Model	B	C	L	● weight (g)	
				J	K
ZPB2-●10	10	23	45	19.7	20
ZPB2-●20	20	51	83	33.8	30
ZPB2-●30	30		93	32.3	31.7
ZPB2-●40	40	77	129	44.3	44.3
ZPB2-●50	50		139	45.6	41.6

● Height compensator type: Rotative(J), Unable to rotate(K) ■ Buffer stroke(mm): 10,20,30,40,50

ZPB3 Closed pass height compensator 10,20,30,50

Model	B	C	L	● weight (g)	
				J	K
ZPB3-●10	10	50	80	80.2	74.4
ZPB3-●20	20		77	69.9	71.2
ZPB3-●30	30		87	77.8	77
ZPB3-●50	50	75	132	103.8	105.8

● Height compensator type: Rotative(J), Unable to rotate(K) ■ Buffer stroke(mm): 10,20,30,50

S-ZP SERIES

Vacuum suction cup with snap ring (ø9 ~ ø50) With adaptor and buffer

How to order

「With Ring & Adapter」



C-ZP **T** **10** **U** **N** - **B5** -

① Direction of vacuum port ② Diameter ③ Pad type ④ Material ⑤ Connection of vacuum port ⑥ Mounting thread

④ Material	<input type="checkbox"/>
N	NBR
S	Silicone

③ Suction Type	② Diameter (mm)										
	E		F				G				
☆	09	10	13	14	16	20	25	30	32	40	50
	ø9	ø10	ø13	ø14	ø16	ø20	ø25	ø30	ø32	ø40	ø50
U Flat	-	●	●	-	●	●	-	●	●	●	●
C With Rib	-	●	●	-	●	●	●	-	●	●	●
D Deep	-	●	-	-	●	-	●	-	-	●	-
B 2 Bellows	-	●	-	-	●	●	●	-	●	●	●
J 3/4 Bellows	●	-	-	●	●	-	●	-	-	-	-

① Direction of vacuum port

Direction of vacuum port	Type	Connection of Vacuum Port	② Diameter (mm)												
			09	10	13	14	16	20	25	30	32	40	50		
Vertical	T	External thread	A5	M5 x 0.8	-	●	-	-	-	-	-	-	-	-	-
			A6	M6 x 1.0	-	●	-	-	-	-	-	-	-	-	-
			A8	M8 x 1.0	-	-	-	-	-	-	-	-	-	-	-
		Internal thread	B5	M5 x 0.8	-	●	-	-	-	-	-	-	-	-	-
			B6	M6 x 1.0	-	●	-	-	-	-	-	-	-	-	-
			B8	M8 x 1.25	-	-	-	-	-	-	-	-	-	-	-
	R	Quick connector	04	ø4	-	●	-	-	-	-	-	-	-	-	
			06	ø6	-	●	-	-	-	-	-	-	-	-	
			08	ø8	-	-	-	-	-	-	-	-	-	-	
		Mounting Thread	A5	M5 x 0.8	-	●	-	-	-	-	-	-	-	-	
			A6	M6 x 1.0	-	●	-	-	-	-	-	-	-	-	
			A8	M8 x 1.0	-	-	-	-	-	-	-	-	-	-	
Lateral	Y	External thread	B5	M5 x 0.8	-	●	-	-	-	-	-	-	-		
			B6	M6 x 1.0	-	●	-	-	-	-	-	-	-		
			B8	M8 x 1.25	-	-	-	-	-	-	-	-	-		
		Internal thread	B5	M5 x 0.8	-	●	-	-	-	-	-	-	-		
			B6	M6 x 1.0	-	●	-	-	-	-	-	-	-		
			B8	M8 x 1.25	-	-	-	-	-	-	-	-	-		
	Lateral	Bar fitting	U4	Φ4 PU hose	-	●	-	-	-	-	-	-	-		
			N4	Φ4 Nylon hose	-	●	-	-	-	-	-	-	-		
			U6	Φ6 PU hose	-	●	-	-	-	-	-	-	-		
		Quick connector	N6	Φ6 Nylon hose	-	●	-	-	-	-	-	-	-		
			03	ø3	-	●	-	-	-	-	-	-	-		
			23	ø3.2	-	●	-	-	-	-	-	-	-		
Y	Outer hexagon quick connector	04	ø4	-	●	-	-	-	-	-	-				
		06	ø6	-	●	-	-	-	-	-	-				
		03S	ø3	-	●	-	-	-	-	-	-				
	Inner hexagon quick connector	23S	ø3.2	-	●	-	-	-	-	-	-				
		04S	ø4	-	●	-	-	-	-	-	-				
		06S	ø6	-	●	-	-	-	-	-	-				
Y	External thread	A5	M5 x 0.8	-	●	-	-	-	-	-	-				
		A6	M6 x 1.0	-	●	-	-	-	-	-	-				
		A8	M8 x 1.0	-	-	-	-	-	-	-	-				
	Internal thread	B5	M5 x 0.8	-	●	-	-	-	-	-	-				
		B6	M6 x 1.0	-	●	-	-	-	-	-	-				
		B8	M8 x 1.25	-	-	-	-	-	-	-	-				

