

Dimensions

(mm)

Short type pad □ Material: NBR(N) Silicone rubber(S)

UA Flat $\phi 1.5, \phi 2, \phi 3.5$				UM Groove with ribs $\phi 4, \phi 6, \phi 8$					UM Groove with ribs $\phi 10, \phi 13, \phi 16$					
B1				C1					D1					
Part no.	ϕA	ϕB	Weight	Part no.	ϕA	ϕB	ϕC	Y	Weight	Part no.	ϕA	ϕB	Y	Weight
S-ZP015UA □	1.5	2	0.1	S-ZP04UM □	4	4.5	1.2	0.5	0.3	S-ZP10UM □	10	11	1	0.6
S-ZP02UA □	2	2.5		S-ZP06UM □	6	6.5	2	0.8		S-ZP13UM □	13	14	1.2	0.7
S-ZP035UA □	3.5	4		S-ZP08UM □	8	8.5				S-ZP16UM □	16	17		0.8
BA Bellows $\phi 4, \phi 6, \phi 8$				BA Bellows $\phi 10, \phi 13, \phi 16$										
C2				D2										
Part no.	ϕA	ϕB	ϕC	ϕD	Y	Weight	Part no.	ϕA	ϕB	ϕC	ϕD	Weight		
S-ZP04BA □	4	4.5	1.8	1.8	2.2	0.3	S-ZP10BA □	10	11	2	6	0.8		
S-ZP06BA □	6	7	2	3.4	3		S-ZP13BA □	13	14	3	8.4	1.0		
S-ZP08BA □	8	9		5.2		0.4	S-ZP16BA □	16	17		11.4	1.1		

Adapter

Adapter with one-touch fitting with Male thread A5, A6							Adapter with one-touch fitting with Female thread B4, B5, B6						Barb fitting U2, N4, U4, N6, U6 <small>N: Nylon tube U: PU tube</small>												
a1							a2						a3												
Part no.	A	B	ϕC	D	E	L	Weight	Part no.	A	B	ϕC	D	Weight	Part no.	A	ϕB	ϕC	E	H	Q	Weight				
ZPRS-04-A5	M5x0.8	20.6	4	4	7	46	17.8	ZPRS-04-B4	M4x0.7	20.6	4	4	12.2	M-3AU2	M3x0.5	4	0.9	2.5	4.5	6.5	0.7				
ZPRS-06-A5	M5x0.8	21.6	6	4	7	18.3	ZPRS-06-B4	M4x0.7	21.6	6	4	12.7	M-5AU2	M5x0.8	3	7	1.5	M-3AU4	M3x0.5	3.4	1.2	2.5	6	7.5	0.7
ZPRS-04-A6	M6x1.0	20.6	4	3	8	18.5	ZPRS-04-B5	M5x0.8	20.6	4	5	11.6	M-5AN4	M5x0.8	3.4	1.8	3	7	5	1.6					
ZPRS-06-A6	M6x1.0	21.6	6	6	12	ZPRS-06-B5	M6x1.0	21.6	6	6	12.5	M-5AU4	4.5								2.5	1.7			
														M-5AN6	4.95	1.8									
B5, 04, 06							03, 23, 04, 06						Hex. socket head male connector 03S, 23S, 04S, 06S												
a4							a5						a6												
Part no.	ϕD	L	Weight	ϕD	Part no.	A	ϕB	E	H	Q	Weight	ϕD	Part no.	A	ϕB	ϕC	E	H	Q	Weight					
ZPEA-B5-A12	-	20.5	15	3	KJH03-M3-B	M3x0.5	1.5	2.5	7	13.7	2.2	3	KJS03-M3-B	M3x0.5	1.5	2.5	1.5	13.7	1.4						
ZPEA-04-A12	4	23.5	17	3.2	KJH03-M5-B	M5x0.8	2.5	3			2	3	2	16.6	2	KJS03-M5-B	M5x0.8	2	3	2	16.6	2			
ZPEA-06-A12	6	23.7	15	4	KJH23-M3-B	M3x0.5	1.5	2.5	8	10	1.8	3.2	KJS23-M3-B	M3x0.5	1.5	2.5	1.5	13.7	1.4						
				6	KJH23-M5-B	M5x0.8	2.5	3			1.6	3	2	16.6	2.2	KJS23-M5-B	M5x0.8	2	3	2	16.6	2.2			
				4	KJH04-M3-B	M3x0.5	1.5	2.5	2	4	2.4	4	KJS04-M3-B	M3x0.5	1.5	2.5	1.5	13.7	1.6						
				6	KJH04-M5-B	M5x0.8	2.5	3	3	10	3.4	6	KJS04-M5-B	M5x0.8	2.5	3	2.5	15.6	2.6						
					KJH06-M5-B	M5x0.8	2.5	3	10	14.7	3.4	6	KJS06-M5-B	M5x0.8	2.5	10	3	2.5	16.4	3.2					

S-ZP Compact Type Pad (ø2 ~ ø16) Adapter

(mm)

Dimensions

Compact type pad adapter									
ZPT1		A4,A5,A6							
(b1)									
Adapter part no.	A	B	C	L	Weight	Applicable Pad			
ZPT1-A4	-	-	-	-	1.1				
ZPT1-A5	M5x0.8	7	3	14	2.3	A1 A2 A3			
ZPT1-A6	M6x1.0	8	4	15	3				
ZPT1		B4,B5							
(b2)									
Adapter part no.	A	B	Weight	Applicable Pad					
ZPT1-B4	M4x0.7	4	2.9	A1 A2 A3					
ZPT1-B5	M5x0.8	5	2.7						
ZPT1		B5,U2,U4,N4,U6,N6							
(b3)									
Adapter part no.	Weight	Connection part no.		Applicable Pad					
ZPT1-B5-A12	17	ZPEA-B5-A12		A1 A2 A3					
ZPT1		04,06							
(b4)									
Adapter part no.	øD	L	Weight	Connection part no.	Applicable Pad				
ZPT1-04-A12	4	34.5	19	ZPEA-04-A12	A1 A2 A3				
ZPT1-06-A12	6	34.7	17	ZPEA-06-A12					
ZPR1		A5,A6							
(b5)									
Adapter part no.	A	B	øC	D	E	L	Weight	Connection part no.	Applicable Pad
ZPR1-04-A5	M5x0.8	20.6	4	4	7	60.5	20.5	ZPRS-04-A5	A1
ZPR1-06-A5	M5x0.8	21.6	6	4	7	60.5	21.5	ZPRS-06-A5	A2
ZPR1-04-A6	M6x1.0	20.6	4	3	8	65.5	21.2	ZPRS-04-A6	A3
ZPR1-06-A6	M6x1.0	21.6	6	3	8	65.5	21.9	ZPRS-06-A6	
ZPR1		B4,B5							
(b6)									
Adapter part no.	A	B	øC	D	Weight	Connection part no.	Applicable Pad		
ZPR1-04-B4	M4x0.7	20.6	4	4	14.9	ZPRS-04-B4	A1		
ZPR1-06-B4	M4x0.7	21.6	6	4	15.4	ZPRS-06-B4	A2		
ZPR1-04-B5	M5x0.8	20.6	4	5	14.3	ZPRS-04-B5	A3		
ZPR1-06-B5	M5x0.8	21.6	6	5	15.2	ZPRS-06-B5			
ZPY1		A5,A6							
(b7)									
Connection Q Connection (a3) M5 ◇ U2,U4,N4,U6,N6 Q Connection (a5) M5 ◇ 03,23,04,06 Q Connection (a6) M5 ◇ 03S,23S,04S,06S Model: ZPY1-◇-A ₅ ⁶									
Adapter part no.	A	D	E	L	Weight	Applicable Pad			
ZPY1-B5-A5	M5x0.8	4	7	45	14.5	A1 A2 A3			
ZPY1-B5-A6	M6x1.0	3	8	50	15.1				
ZPY1		B4,B5							
(b8)									
Connection Q Connection (a3) M5 ◇ U2,U4,N4,U6,N6 Q Connection (a5) M5 ◇ 03,23,04,06 Q Connection (a6) M5 ◇ 03S,23S,04S,06S Model: ZPY1-◇-B ₅ ⁴									
Adapter part no.	A	B	Weight	Applicable Pad					
ZPY1-B5-B4	M4x0.7	4	8.8	A1 A2 A3					
ZPY1-B5-B5	M5x0.8	5	8.3						

Dimensions

(mm)

Short type pad adapter								
ZPT1A Vertical vacuum entry male thread A3,A4			ZPT1A Vertical vacuum entry female thread B3					
Adapter part no.	Weight	Applicable pad	Adapter part no.	Weight	Applicable pad			
ZPT1A-A3	0.4	B1	ZPT1A-B3	0.8	B1			
ZPT1A-A4	0.4							
ZPT1A B3,U2,U4,N4,ø3,23,ø4,ø3S,23S,ø4S		Connection		ZPY1A B3,B4				
Adapter part no.	Weight	Applicable pad	Adapter part no.	Weight	Applicable pad			
ZPT1A-B3-A6	2.4	B1	ZPY1A-B3-B3	1.6	B1			
			ZPY1A-B3-B4	1.4				
ZPT2A A4,A5			ZPT2A B4,B5					
Adapter part no.	Weight	Applicable pad	Adapter part no.	A	B	L	Weight	Applicable pad
ZPT2A-A4	0.7	C1 C2	ZPT2A-B4	M4x0.7	4	9.5	2	C1 C2
ZPT2A-A5	1.5		ZPT2A-B5	M5x0.8	5	11	2.1	
ZPT2A B5,U2,U4,N4		Connection		ZPT2A Vertical vacuum entry connector with plate 04				
Adapter part no.	Weight	Applicable pad	Adapter part no.	Weight	Applicable pad	Adapter part no.	Weight	Applicable pad
ZPT2A-B5-A10	11	C1 C2	ZPT2A-04-A10	9.8	C1 C2			

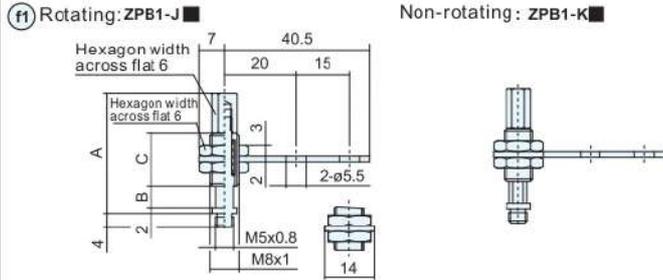
Short type vacuum pad&adapter(ø1.5 ~ ø16) S-ZP

Dimensions

(mm)

height compensator

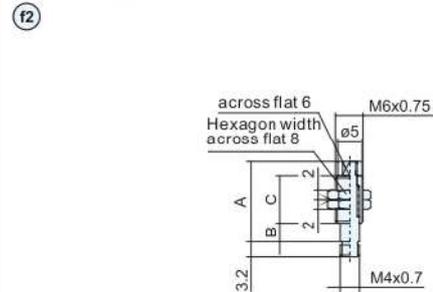
ZPB1 **6,10,15,25**



Model	A	B	C	● Weight	
				J	K
ZPB1-●6	34	6	15	22.8	22.3
ZPB1-●10	66	10	43	29.7	28.6
ZPB1-●15	71	15		30.8	30.2
ZPB1-●25	81	25		32.1	31.9

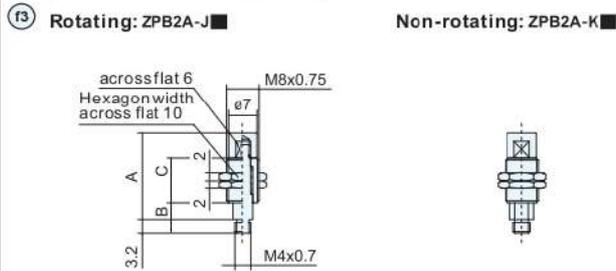
● Height compensator type: Rotating(J),Non-rotating(K) ■ Buffer stroke(mm):6,10,15,25

ZPB1A height compensator **3,6**



Model	A	B	C	Weight
ZPB1A-J3	17	4	10	3.5
ZPB1A-J6	24	7	14	4.4

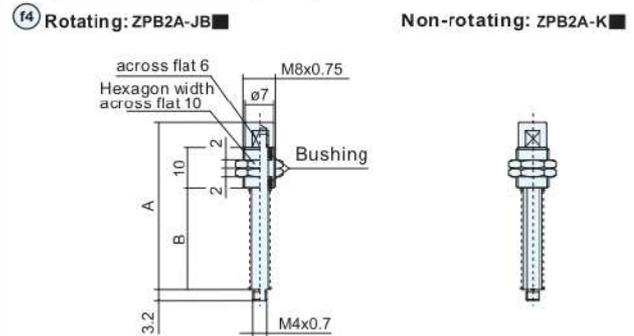
ZPB2A **3,6,10**



Model	A	B	C	● Weight	
				J	K
ZPB2A-●3	21.5	4	11	7.2	7.2
ZPB2A-●6	28	7	14.5	8.8	8.5
ZPB2A-●10	38	11	20.5	11.2	9.3

● Height compensator type: Rotating(J),Non-rotating(K) ■ Buffer stroke:3,6,10

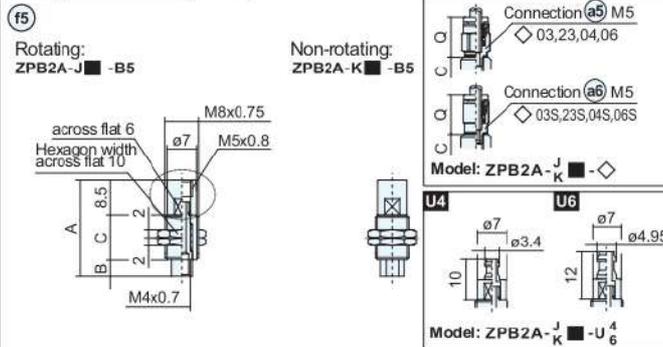
ZPB2A height compensator **15,20**



Model	A	B	● Weight	
			JB	K
ZPB2A-●15	41	24.5	8	10
ZPB2A-●20	48.5	32	8.7	11.1

● Height compensator type: Rotating(J),Non-rotating(K) ■ Buffer stroke: 15,20

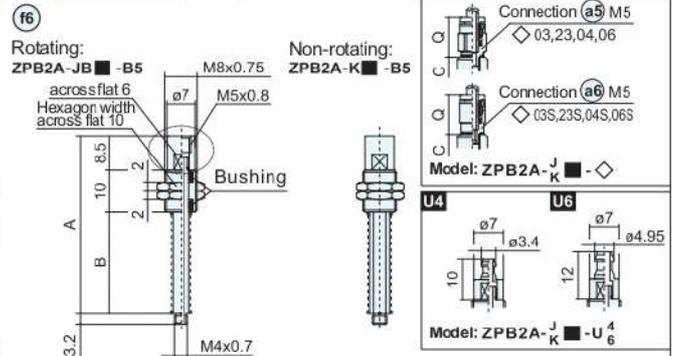
ZPB2A **3,6,10**



Model	A	B	C	● Weight	
				J	K
ZPB2A-●3-B5	23.5	4	11	6.4	6.2
ZPB2A-●6-B5	30	7	14.5	7.7	7.4
ZPB2A-●10-B5	40	11	20.5	9.9	9.3

● Height compensator type: Rotating(J),Non-rotating(K) ■ Buffer stroke: 3,6,10

ZPB2A **15,20**



Model	A	B	● Weight	
			JB	K
ZPB2A-●15-B5	43	24.5	8.1	10.1
ZPB2A-●20-B5	50.5	32	8.7	11.3

● Height compensator type: Rotating(J),Non-rotating(K) ■ Buffer stroke: 15,20

S-ZP Compact & Short type vacuum pad Buffer

Dimensions

(mm)

Buffer

ZPT1 Vertical vacuum entry buffer: 6,10,15,25

Rotating:
ZPT1-J ■ -B3-A8

Non-rotating:
ZPT1-K ■ -B3-A8

Rotating:
ZPT1-J ■ -B5-A8

Non-rotating:
ZPT1-K ■ -B3-A8

Connction

Model: ZPT1-J, K ■ -◇ -A8

Model	A	B	C	Weight		Applicable Pad
				J	K	
ZPT1-●6-B3-A8	32	6	15	20.3	20.2	A1 A2 A3
ZPT1-●10-B3-A8	65	10	43	26.7	25.1	
ZPT1-●15-B3-A8	70	15		27	28.7	
ZPT1-●25-B3-A8	80	25		28.2	28.9	

Model	A	B	C	Weight		Applicable Pad
				J	K	
ZPT1-●6-B5-A8	34	6	15	22.2	20.2	A1 A2 A3
ZPT1-●10-B5-A8	67	10	43	28.6	28.9	
ZPT1-●15-B5-A8	72	15		28.9	29.1	
ZPT1-●25-B5-A8	82	25		30.4	30.6	

● Height compensator type: Rotating(J), Non-rotating(K) ■ Buffer stroke(mm): 6,10,15,25

ZPT1A 3,6

Rotating
ZPT1A-J ■ -B3

Non-rotating:
ZPT1A-K ■ -B3

Connction

Model: ZPT1A-J, K ■ -◇

Model	A	B	C	Weight	Applicable Pad
ZPT1A-J6-B3	28	7	14	5.5	

Model	A	B	C	Weight	Applicable Pad
ZPT1A-K6-B3	29	7	14.5	7.8	

■ Buffer stroke: 3,6

Buffer vacuum entry have Vertical type and Lateral type, combined by a height compensator and an adapter

