



# Vacuum Pad/ Vertical Vacuum Entry With Buffer

## ZPT Series



### Specifications

Vacuum entry direction		Vertical			
Vacuum entry	Connection Applicable tube dia.	Connection	Female thread	Barb fitting	One-touch fitting
		<b>ø2 to ø8 Elliptic</b> (2 x 4, 3.5 x 7, 4 x 10) Thin section series (ø10 to ø16)	M3 x 0.5 M5 x 0.8	ø4 Nylon tube ø4 Urethane tube	ø4 tube ø6 tube
		ø10 to ø32	M5 x 0.8	ø6 Nylon tube ø6 Urethane tube	ø4 tube ø6 tube
	ø40 to ø50	M5 x 0.8 1/8 (Rc, NPT, NPTF)	ø6 Nylon tube ø6 Urethane tube	ø6 tube ø8 tube	
Connection	Thread dia.	ø2 to ø8 M8 x 1 Male thread ø10 to ø32 M10 x 1 Male thread ø40 to ø50 M14 x 1 Male thread			

### Buffer Specifications

Pad dia. (mm)	ø2 to ø8*	ø10 to ø32	ø40, ø50
Stroke (mm)	6, 10, 15, 25	10, 20, 30, 40, 50	10, 20, 30, 50
Spring Reactive Force (N)	0 stroke	1.0	2.0
	Full stroke	1.2	3.0
Non-rotating specification		Rotating (J)/Non-rotating (K)	

\* Refer to ø2 to ø8 for Thin flat, Thin flat with ribs and Elliptic.

### Pad Type

Pad form	Flat	Flat with ribs	Deep	Bellows
Pad diameter (mm)	2, 4, 6, 8, 2 x 4, 3.5 x 7, 4 x 10, 10, 13, 16, 20, 25, 32, 40, 50	10, 13, 16, 20, 25, 32, 40, 50	10, 16, 25, 40	6, 8, 10, 13, 16, 20, 25, 32, 40, 50
Material (Color)	NBR (Black), Silicone rubber (White), Urethane rubber (Brown), FKM (Black with green mark) Conductive NBR (Black with one silver mark), Conductive silicone rubber (Black with two silver marks)			
Durometer	NBR (A50/S), Silicone rubber (A40/S), Urethane rubber/FKM (A60/S) Conductive NBR (A50/S), Conductive silicone rubber (A50/S)			

### Weight

Stroke (mm)	Pad form Vacuum entry port	Flat/Flat with ribs						Deep						Bellows									
		Female thread		One-touch fitting		Barb fitting	Female thread		One-touch fitting		Barb fitting	Female thread		One-touch fitting		Barb fitting							
		B3	B5	□01	04	06	08	N□U	B5	□01	04	06	08	N□U	B3	B5	□01	04	06	08	N□U		
6	ZPT2004 3507 4010																						
	ZPT02 to 08 Thin section series 10 to 16	22	24	—	26	27	—	22	—	—	—	—	—	—	22	24	—	26	27	—	22		
10	ZPT 10 to 16	—	26	—	29	30	—	25	27	—	29	30	—	25	—	27	—	30	31	—	26		
10	ZPT 20 25	—	29	—	31	33	—	27	30	—	32	33	—	28	—	31	—	34	35	—	30		
	ZPT 32	—	57	—	33	34	—	30	—	—	—	—	—	—	36	—	38	39	—	34			
10	ZPT 40	—	129	132	—	133	141	129	131	134	—	134	143	129	—	141	144	—	145	153	140		
	ZPT 50	—	135	138	—	139	147	133	—	—	—	—	—	—	148	151	—	152	160	147			

### Weight by Stroke

Stroke (mm)	10	15	20	25	30	40	50
ZPT2004 3507 4010							
ZPT02 to 08 Thin section series 10 to 16	+6	+7	—	+8	—	—	—
ZPT10 to 32	—	—	+11	—	+13	+23	+24
ZPT40, 50	—	—	+38	—	+40	—	+67