



Vacuum Pad/ Lateral Vacuum Entry with One-touch Fitting With Buffer

ZPR Series



Specifications



Vacuum entry	Direction		
	Connection	Lateral	
Applicable tube dia.	Elliptic (2 x 4, 3.5 x 7, 4 x 10) Thin section series (ø10 to ø16) ø2 to ø8	One-touch fitting ø4, ø6 tube	
	ø10 to ø16	ø4, ø6 tube	
	ø20 to ø32	ø4, ø6, ø8 tube	
	ø40 to ø50	ø6, ø8 tube	
Mounting	Thread dia. Elliptic (2 x 4, 3.5 x 7, 4 x 10) Thin section series (ø10 to ø16) ø2 to ø8	M8 x 1 Male thread	
		ø10 to ø16	M10 x 1 Male thread
		ø20 to ø32	M10 x 1 Male thread
		ø40 to ø50	M14 x 1 Male thread

Buffer Specifications

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	3.0	5.0
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	Thin flat/Thin flat with ribs
Pad dia. (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	10, 13, 16
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

(g)

Stroke (mm)	Pad form Vacuum entry port Model	Flat/Flat with ribs			Deep			Bellows		
		04	06	08	04	06	08	04	06	08
6	2004, 3507, 4010 ZPH02 to 08 Thin section flat series (10 to 16)	38	39	—	—	—	—	38	39	—
	ZPR 10 to 16	39	40	—	39	40	—	40	41	—
10	ZPR 20 to 25	54	55	56	55	56	57	57	58	59
	ZPR 32	56	57	58	—	—	—	61	62	63
10	ZPR 40	—	126	127	—	128	129	—	138	139
	ZPR 50	—	132	133	—	—	—	—	145	146

Weight by Stroke

(g)

Stroke (mm)	10	15	20	25	30	40	50
Model	—	—	—	—	—	—	—
ZPR02 to 08	+7	+8	—	+9	—	—	—
ZPR10 to 32	—	—	+12	—	+14	+26	+28
ZPR40, 50	—	—	-6	—	-2	—	+30