

With Low-friction Buffer

ZP3 Series

How to Order



ZP3 — ① Vacuum inlet direction **T** ② Pad diameter **04** ③ Pad type **UM** ④ Material **N** ⑤ Buffer specification **D** ⑥ Buffer stroke **6** — ⑧ Vacuum inlet **B5**

- Reduced particle below 1/10 (Compared to prior products).
- Copper alloy unused.
- With low friction, low noise! Noise level 45dB.
- Smooth Up & Down moving according to anti eccentric structure.
- Stuck shaft problem according to tube tension was solved!

① Vacuum inlet direction	
T	Vertical

② Pad diameter (mm)	
04	ø4
06	ø6
08	ø8
10	ø10
13	ø13
16	ø16

③ Pad type	
UM	Flat with groove
B	Bellows

④ Material	
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

⑤ Buffer specification	
D	Rotating (Low-friction)

⑥ Buffer stroke (mm)	
3	3
6	6
10	10
15	15

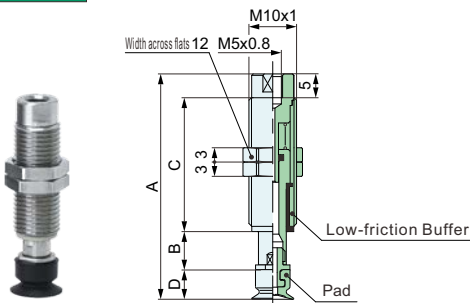
⑧ Vacuum inlet	
B5	M5 x 0.8

Green symbol is customized models.

Dimensions

(mm)

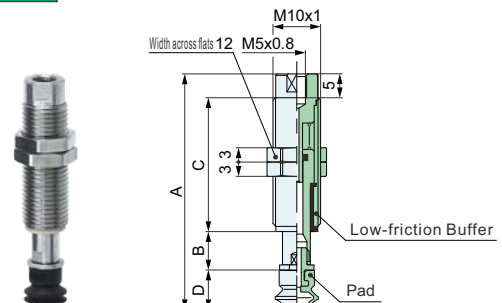
UM Flat with groove



Model	① Vacuum inlet direction	② Pad dia.	③ Pad type	④ Pad Material	⑤ Buffer spec.	⑥ Buffer stroke	⑧ Vacuum inlet	A	B	C	D	Buffer
ZP3	T	04 06 08	UM	N S U F GN GS	D	3	B5	41	5	25	6	D1003SM-ZP3D-T2
						6		47	8	28		D1006SM-ZP3D-T2
						10		55	12	32		D1010SM-ZP3D-T2
						15		65	17	37		D1015SM-ZP3D-T2
						3		42	5	25		D1003SM-ZP3D-T3
		10 13 16	UM	N S U F GN GS	D	6	B5	48	8	28	7	D1006SM-ZP3D-T3
						10		56	12	32		D1010SM-ZP3D-T3
						15		66	17	37		D1015SM-ZP3D-T3

Model for refer: ZP3-T16UMND15-B5

B Bellows



Model	① Vacuum inlet direction	② Pad dia.	③ Pad type	④ Pad Material	⑤ Buffer spec.	⑥ Buffer stroke	⑧ Vacuum inlet	A	B	C	D	Buffer
ZP3	T	04 06 08	B	N S U F GN GS	D	3	B5	43	5	25	8	D1003SM-ZP3D-T2
						6		49	8	28		D1006SM-ZP3D-T2
						10		57	12	32		D1010SM-ZP3D-T2
						15		67	17	37		D1015SM-ZP3D-T2
						3		45	5	25		D1003SM-ZP3D-T3
		10 13 16	B	N S U F GN GS	D	6	B5	51	8	28	10	D1006SM-ZP3D-T3
						10		59	12	32		D1010SM-ZP3D-T3
						15		69	17	37		D1015SM-ZP3D-T3

Model for refer: ZP3-T08BND6-B5