

How to Order

With buffer ZPT 40 H N J 25 - B01 - A18

Pad diameter

Symbol	Pad diameter
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100
125	ø125

Pad type (*)

Symbol	Type
H	Heavy-duty (Flat with rib)
HB	Heavy-duty (Bellows)

Pad material (□)

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
E	EPR

Buffer body material (★)

Symbol	Material
J	Aluminum alloy
JB	Brass + With bushing
JF	Steel + With bushing

Vacuum inlet thread size

Symbol	Thread size
B01	Rc1/8
N01	NPT1/8
T01	NPTF1/8

Mounting thread size

Symbol	Thread size
A18	M18 x 1.5 (ø40 to ø80)
A22	M22 x 1.5 (ø100, ø125)

Buffer stroke (■)

Stroke	ø40	ø50	ø63	ø80	ø100	ø125
25	●	●	●	●	●	●
50	●	●	●	●	●	●
75	●	●	●	●	●	●
100	—	—	—	—	●	●



Vacuum inlet direction Vertical

Buffer Specifications (Rotating)

Pad diameter	ø40 to ø80	ø100, ø125
Stroke (mm)	25, 50, 75	25, 50, 75, 100
Spring reactive force	At 0 stroke At full stroke	6.9 N 10 N 11.8 N 15 N

Nut Tightening Torque

(N·m)

Buffer body material	Aluminum alloy	Brass + With bushing	Steel + With bushing
M18 x 1.5	9.5 to 10.5 N·m	28 to 32 N·m	48 to 52 N·m
M22 x 1.5	9.5 to 10.5 N·m	45 to 50 N·m	75 to 80 N·m

Replacement Part No.

Model	Pad unit part no.	Buffer assembly part no.
ZPT40□□★25-(B/N/T)01-A18	ZP40□□	ZPB-T1★25-(B/N/T)01
ZPT40□□★50-(B/N/T)01-A18		ZPB-T1★50-(B/N/T)01
ZPT40□□★75-(B/N/T)01-A18		ZPB-T1★75-(B/N/T)01
ZPT50□□★25-(B/N/T)01-A18	ZP50□□	ZPB-T1★25-(B/N/T)01
ZPT50□□★50-(B/N/T)01-A18		ZPB-T1★50-(B/N/T)01
ZPT50□□★75-(B/N/T)01-A18		ZPB-T1★75-(B/N/T)01
ZPT63□□★25-(B/N/T)01-A18	ZP63□□	ZPB-T2★25-(B/N/T)01
ZPT63□□★50-(B/N/T)01-A18		ZPB-T2★50-(B/N/T)01
ZPT63□□★75-(B/N/T)01-A18		ZPB-T2★75-(B/N/T)01
ZPT80□□★25-(B/N/T)01-A18	ZP80□□	ZPB-T2★25-(B/N/T)01
ZPT80□□★50-(B/N/T)01-A18		ZPB-T2★50-(B/N/T)01
ZPT80□□★75-(B/N/T)01-A18		ZPB-T2★75-(B/N/T)01
ZPT100□□★25-(B/N/T)01-A22	ZP100□□	ZPB-T3★25-(B/N/T)01
ZPT100□□★50-(B/N/T)01-A22		ZPB-T3★50-(B/N/T)01
ZPT100□□★75-(B/N/T)01-A22		ZPB-T3★75-(B/N/T)01
ZPT100□□★100-(B/N/T)01-A22	ZP125□□	ZPB-T3★100-(B/N/T)01
ZPT125□□★25-(B/N/T)01-A22		ZPB-T3★25-(B/N/T)01
ZPT125□□★50-(B/N/T)01-A22		ZPB-T3★50-(B/N/T)01
ZPT125□□★75-(B/N/T)01-A22		ZPB-T3★75-(B/N/T)01
ZPT125□□★100-(B/N/T)01-A22		ZPB-T3★100-(B/N/T)01

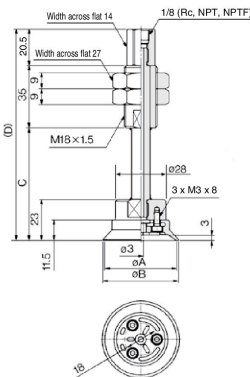
Note 1) * in the table indicates the pad type.

Note 2) □ in the table indicates the pad material.

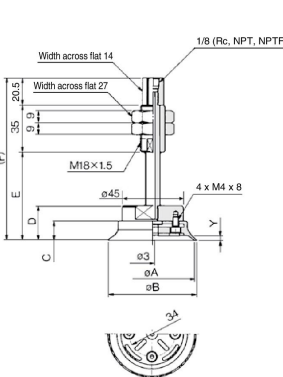
Note 3) ★ in the table indicates the buffer body material.

Dimensions: With Buffer

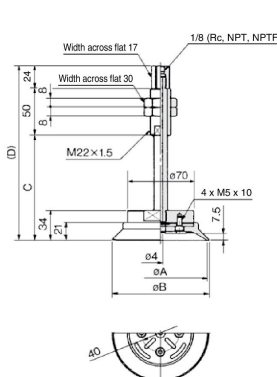
ZPT⁴⁰₅₀H□★■-□01-A18



ZPT⁶³₈₀H□★■-□01-A18



ZPT¹⁰⁰₁₂₅H□★■-□01-A22



Dimensions

Model	A	B	C	D
ZPT40H□★25-01-A18	40	42	63	118.5
ZPT40H□★50-01-A18			98	153.5
ZPT40H□★75-01-A18			134	189.5
ZPT50H□★25-01-A18			63	118.5
ZPT50H□★50-01-A18	50	52	98	153.5
ZPT50H□★75-01-A18			134	189.5

Dimensions

Model	A	B	C	D	E	F	Y
ZPT63H□★25-01-A18	63	65	14.5	26	66	121.5	3.5
ZPT63H□★50-01-A18					101	156.5	
ZPT63H□★75-01-A18					137	192.5	
ZPT80H□★25-01-A18	80	82	16.5	28	68	123.5	4.5
ZPT80H□★50-01-A18					103	158.5	
ZPT80H□★75-01-A18					139	194.5	

Dimensions

Model	A	B	C	D
ZPT100H□★25-01-A22	100	103	78	152
ZPT100H□★50-01-A22			114	188
ZPT100H□★75-01-A22			154	228
ZPT100H□★100-01-A22			189	263
ZPT125H□★25-01-A22	125	128	78	152
ZPT125H□★50-01-A22			114	188
ZPT125H□★75-01-A22			154	228
ZPT125H□★100-01-A22			189	263