

Vacuum Pad: Large Size Bellows Type Vertical Vacuum Entry With Buffer

Series ZPT



Specifications

Mounting	Vacuum entry direction		Vertical
	Connection		Male thread
	Thread dia.	ø40, ø50	M18 x 1.5
		ø63, ø80	M18 x 1.5
		ø100, ø125	M22 x 1.5
Vacuum entry port			Rc 1/8

Buffer type		Rotating (J)
Buffer stroke	ø40 to ø80	25, 50, 75 mm
	ø100, ø125	25, 50, 75, 100 mm

Pad Type

Pad diameter (mm)	ø40, ø50, ø63, ø80, ø100, ø125
Material (Color)	NBR (Black), Silicone rubber (White), Urethane rubber (Brown), Fluoro rubber (Black with mark®), EPR (Black with mark®)
Durometer	NBR/Silicone rubber/EPR (50°), Urethane/Fluoro rubber (60°)

Weight

(g)

NBR

Model	Weight	Model	Weight
ZPT40HBNJ25-B01-A18	127	ZPT 80HBNJ50-B01-A18	268
50-B01-A18	147	75-B01-A18	289
75-B01-A18	168	ZPT100HBNJ25-B01-A22	535
ZPT50HBNJ25-B01-A18	143	50-B01-A22	575
50-B01-A18	163	75-B01-A22	620
75-B01-A18	201	100-B01-A22	659
ZPT63HBNJ25-B01-A18	208	ZPT125HBNJ25-B01-A22	719
50-B01-A18	228	50-B01-A22	759
75-B01-A18	249	75-B01-A22	804
ZPT80HBNJ25-B01-A18	231	100-B01-A22	843

Add NBR weight to below table for other materials.

Pad dia.	Silicon rubber	Urethane rubber	Fluoro rubber	EPR
ø40	-1	+1	+10	0
ø50	-2	+1	+19	0
ø63	-3	+2	+37	0
ø80	-6	+2	+61	0
ø100	-12	+4	+121	
ø125	-22	+7	+228	

How to Order

ZPT 40 HB N J 25 - B01 - A18

Pad diameter (mm)

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

Mounting thread

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

Vacuum entry

B01	Rc 1/8
-----	--------

Pad type

HB	Large bellows pad
----	-------------------

Material

N	NBR
S	Silicon rubber
U	Urethane rubber
F	Fluoro rubber
E	EPR

Applicable buffer stroke (Rotating)

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

Spring Force

ø40 to ø80	First mounting load	6.9 N
	Second mounting load	11.8 N
ø100, ø150	First mounting load	10 N
	Second mounting load	15 N

ZX

ZR

ZM

ZH

ZU

ZL

ZY

ZQ

ZF

ZP

ZCU

AMJ

Misc.