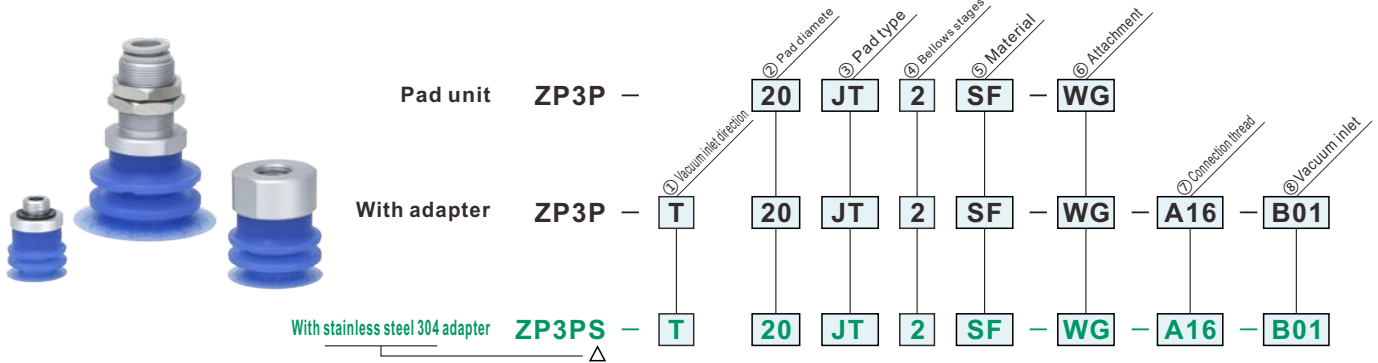


2.5-Stage Bellows Type Vacuum Pad (ø20 ~ ø50)

ZP3P Series

How to Order



- For the adsorption transfer of workpieces with flexible soft film packaging
- Thin film skirt and special shaped ribs
- Flat attachment for reducing wrinkles
- Blue colored pad, easy to distinguish the vacuum pad by color during contamination inspection

Specifications

Operating temperature range		-30 ~ 90 °C
Pad	Material	Silicone rubber
	Color	Blue
	Hardness (Shore A: ±5°)	A40/S
Attachment	Material	Synthetic resin / Stainless steel
	Color	White

① Vacuum inlet direction
T Vertical

② Pad diameter (mm)
20 ø20
25 ø25
32 ø32
40 ø40
50 ø50

③ Pad type
JT Bellows Type

④ Bellows stages
2 2.5-Stage

⑤ Material
SF Silicone rubber

⑥ Attachment
Nil Without attachment
W Large hole attachment
WF Flat attachment
WM Mesh attachment
WG Porous attachment

⑦ Connection thread		⑧ Vacuum inlet		Pad diameter	
				ø20~ø25	ø32~ø50
Male thread	Nil	—	Male thread	AG01 G1/8	●
				AG02 G1/4	●
				AG03 G3/8	●
				AG04 G1/2	—
	A16	M16 x 1.0	Female thread	BG01 G1/8	●
				BG02 G1/4	—
			One-touch fitting	B01 Rc1/8	●
				08 Rc1/4	—
Male thread	A20	M20 x 1.0	Female thread	B02 8 mm	—
			One-touch fitting	10 10 mm	●

Attachment	W	WF	WM	WG
Part image				
Description	Expanded hole size to ensure suction flow rate Compatible with vacuum blower pumps	For reducing wrinkles For thin workpieces with little deformation The suction port is sealed with a flat surface to suppress workpiece suction Limits the movement of the skirt and reduces damage to the workpiece	Prevents the intrusion of foreign matter into piping Easy to check for clogging and easy to clean Reduced suction filter element replacement frequency	—
Part number	ø20	ZP3PW-20JT2	ZP3PWF-20JT2	ZP3PWM-20JT2
	ø25	ZP3PW-25JT2	ZP3PWF-25JT2	ZP3PWM-25JT2
	ø32	ZP3PW-32JT2	ZP3PWF-32JT2	ZP3PWM-32JT2
	ø40	ZP3PW-40JT2	ZP3PWF-40JT2	ZP3PWM-40JT2
	ø50	ZP3PW-50JT2	ZP3PWF-50JT2	ZP3PWM-50JT2

Mount the attachment for use. Without the attachment, the vacuum pad will be easily deformed, resulting in adsorption failure.

Dimensions

(mm)

JT2 2.5-Stage Bellows Type		Adapter Mounting Dimensions	
		20JT/25JT	
		32JT/40JT/50JT	

Model for refer: ZP3P-20JT2SF-WM

ZP3P Series

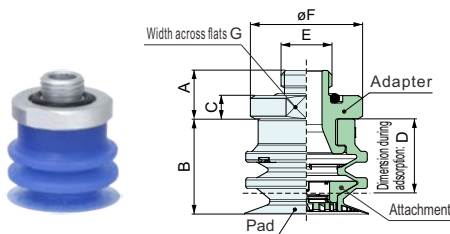
2.5-Stage Bellows Type Vacuum Pad (ø20 ~ ø50)

With Adapter **Vertical**

Dimensions

Green symbol is customized models. (mm)

JT2 Male Thread **Vertical**



Dimensions Per Pad

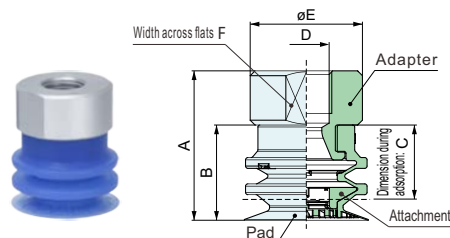
② Pad diameter	20	25	32	40	50
B	17.7	18.8	24.6	26.9	28.7
D	15.2	15.8	20.6	21.9	22.2

Dimensions Per Buffer

Model	①	②	③	④	⑤	⑥	⑧	A	C	E	øF	G	Adapter	⑧				
	Vacuum inlet direction	Pad dia.	Pad type	Bellows Stages	Pad Material	Attachment (Optional)	Vacuum inlet							Vacuum inlet				
ZP3P ZP3PS	T	20 25	JT	2	SF	W WF WM WG	AG01	9.5	4.5	G1/8	18	17	ZP3PA-T1JT ZP3PSA-T1JT	AG01				
							AG02	11.5	5	G1/4	23	21		AG02				
							AG03	13.5	6	G3/8	29	27		AG03				
		32 40 50					AG01	11.5	6.5	G1/8	29	27	ZP3PA-T2JT ZP3PSA-T2JT	AG01				
							AG02	12.5	6	G1/4				AG02				
							AG03	13.5		G3/8				AG03				
							AG04	16	7	G1/2	32	30		AG04				

Model for refer: ZP3P-T20JT2SF-W-AG01 Adapter for refer: ZP3PA-T1JT-AG01

JT2 Female Thread **Vertical**

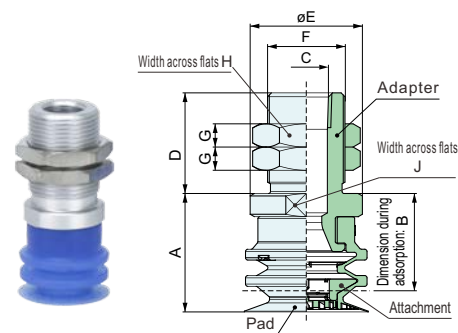


Model	①	②	③	④	⑤	⑥	⑧	A	B	C	D	øE	F	Adapter	⑧
	Vacuum inlet direction	Pad dia.	Pad type	Bellows Stages	Pad Material	Attachment (Optional)	Vacuum inlet								Vacuum inlet
ZP3P ZP3PS	T	20	JT	2	SF	W WF WM WG	BG01	28.7	17.7	15.2	G1/8	18	17	ZP3PA-T1JT ZP3PSA-T1JT	BG01
		25						29.8	18.8	15.8					
		32					BG02	38.6	24.6	20.6	G1/4	29	27	ZP3PA-T2JT ZP3PSA-T2JT	BG02
		40						40.9	26.9	21.9					
		50						42.7	28.7	22.2					

Model for refer: ZP3P-T20JT2SF-W-BG01 Adapter for refer: ZP3PA-T1JT-BG01

JT2 Male Thread **Vertical**

B01,B02



Model		① Vacuum inlet direction	② Pad dia.	③ Pad type	④ Bellows Stages	⑤ Pad Material	⑥ Attachment (Optional)	⑦ Connection thread	⑧ Vacuum inlet	A	B	C	D	øE	F	G	H	J	Adapter	⑦ Connection thread	⑧ Vacuum inlet
ZP3P ZP3PS	T	20	JT	2	SF	W WF WM WG	A16	B01	21.7	19.2	Rc 1/8	22	18	M16 x1	3.5	19	17	ZP3PA-T1JT ZP3PSA-T1JT	A16	B01	
		25							22.8	19.8		26.9									
		20						08	21.7	19.2											
		25							22.8	19.8											
		32					A20	B02	30.6	26.6	Rc 1/4	26	29	M20 x1	4.5	24	27	ZP3PA-T2JT ZP3PSA-T2JT	A20	B02	
		40							32.9	27.9											
		50						10	34.7	28.2	31.4										
		32							30.6	26.6											
		40							32.9	27.9											
		50							34.7	28.2											

Model for refer: ZP3P-T20JT2SF-W-A16-08 Adapter for refer: ZP3PA-T1JT-A16-08