

Vacuum Gripper-Blower Standard Type



Features

- ◊ The housing is made of high quality aluminum alloy
- ◊ External vacuum generator or blower can be connected
- ◊ Suction cup type and sponge type are optional for adsorption surface
- ◊ Built-in non-return valve can be selected

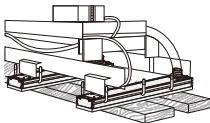
Advantages

- ◊ High strength and light weight
- ◊ The vacuum source can be selected accurately according to the actual working condition
- ◊ Suitable for the handling of various industries
- ◊ It can meet the handling of different dimension workpieces



Applications

- ◊ Mainly used in the packaging industry, such as intelligent warehousing, intelligent logistics, stacking and unstacking, unmanned sorting, etc.
- ◊ With built-in non-return valve, it can be used to adsorb the workpieces with certain leakage, different sizes and different shapes
- ◊ Because of its light weight, it is very suitable for robots



Vacuum gripper

TXM

TXD

TXC

TXM

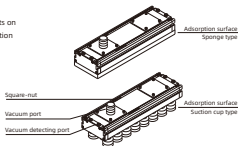
TXP

TXH

TXL

Structure

- ◊ The main body is made of aluminum alloy, with T-shaped slots on the front and side respectively, which can be used for installation or mounting of the inductive switch
- ◊ It is equipped with Square-nut (M8 × 18 × 14 × 5.5)
- ◊ The gripper has one vacuum port and 8 vacuum detecting ports (8-G1/8F). The vacuum port can connect to external steel wire hose
- ◊ Non-return valve is optional
- ◊ For sponge type, A1, A3, A5 sponge can be selected
- ◊ For suction cup type, B30, B40 can be selected



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How to order

TXM 130×400 - A3 - V

① ② ③ ④

① Series	② Dimension	③ Adsorption surface type	④ Non-return valve
TXM	130×400	A1 - Single row sponge holes	Nil - Default, Without non-return valve (Throttling hole structure)
	130×600	A3 - Three rows sponge holes	
	130×800	A5 - Five rows sponge holes	V - With non-return valve (Ball valve structure)
	130×1000	B30 - Suction cup type(suction cup dia.30mm)	
	130×1200	B40 - Suction cup type(suction cup dia.40mm)	
	130×1400		

Selection-Standard type

Model/ Adsorption surface type	A1 - Single row sponge holes	A3 - Three rows sponge holes	A5 - Five rows sponge holes	B30 - Suction cup type	B40 - Suction cup type
TXM130×400-□	TXM130×400-A1	TXM130×400-A3	TXM130×400-A5	TXM130×400-B30	TXM130×400-B40
TXM130×600-□	TXM130×600-A1	TXM130×600-A3	TXM130×600-A5	TXM130×600-B30	TXM130×600-B40
TXM130×800-□	TXM130×800-A1	TXM130×800-A3	TXM130×800-A5	TXM130×800-B30	TXM130×800-B40
TXM130×1000-□	TXM130×1000-A1	TXM130×1000-A3	TXM130×1000-A5	TXM130×1000-B30	TXM130×1000-B40
TXM130×1200-□	TXM130×1200-A1	TXM130×1200-A3	TXM130×1200-A5	TXM130×1200-B30	TXM130×1200-B40
TXM130×1400-□	TXM130×1400-A1	TXM130×1400-A3	TXM130×1400-A5	TXM130×1400-B30	TXM130×1400-B40

Selection-With non-return valve

Model/ Adsorption surface type	A1 - Single row sponge holes	A3 - Three rows sponge holes	A5 - Five rows sponge holes	B30 - Suction cup type	B40 - Suction cup type
TXM130×400-□-V	TXM130×400-A1-V	TXM130×400-A3-V	TXM130×400-A5-V	TXM130×400-B30-V	TXM130×400-B40-V
TXM130×600-□-V	TXM130×600-A1-V	TXM130×600-A3-V	TXM130×600-A5-V	TXM130×600-B30-V	TXM130×600-B40-V
TXM130×800-□-V	TXM130×800-A1-V	TXM130×800-A3-V	TXM130×800-A5-V	TXM130×800-B30-V	TXM130×800-B40-V
TXM130×1000-□-V	TXM130×1000-A1-V	TXM130×1000-A3-V	TXM130×1000-A5-V	TXM130×1000-B30-V	TXM130×1000-B40-V
TXM130×1200-□-V	TXM130×1200-A1-V	TXM130×1200-A3-V	TXM130×1200-A5-V	TXM130×1200-B30-V	TXM130×1200-B40-V
TXM130×1400-□-V	TXM130×1400-A1-V	TXM130×1400-A3-V	TXM130×1400-A5-V	TXM130×1400-B30-V	TXM130×1400-B40-V

Technical parameters

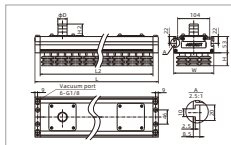
Model	Max.theoretical suction force N (-30kPa)	Max.theoretical suction force N (-40kPa)	Max.theoretical suction force N (-50kPa)	Max.theoretical suction force N (-60kPa)	Weight kg V-with non- return valve	Blower connection port dia. mm	QTY of suction hole PCS
TXM130×400-A1	280	373	465	559	2.3	φ32	15
TXM130×600-A1	410	546	683	820	3.1	φ32	22
TXM130×800-A1	590	787	984	1,180	3.9	φ60	30
TXM130×1000-A1	690	919	1,149	1,379	4.6	φ60	37
TXM130×1200-A1	820	1,093	1,367	1,640	5.4	φ60	44
TXM130×1400-A1	951	1,267	1,584	1,901	6.6	φ60	52

TXM Series

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AIRBEST

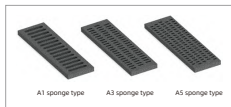
Dimensions(mm)



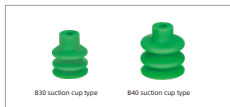
TXM130x400(600-1400)-B Suction cup type

Model/size	L	L2	W	D	H2	B30	B40
TXM130x400-B	434	400	130	33	40	37	45
TXM130x600-B	634	600	130	33	40	37	45
TXM130x800-B	834	800	130	61	50	37	45
TXM130x1000-B	1,034	1,000	130	61	50	37	45
TXM130x1200-B	1,234	1,200	130	61	50	37	45
TXM130x1400-B	1,434	1,400	130	61	50	37	45

Spare parts selection(mm)



Sponge type



Suction cup type

Spare parts selection

Item	Model	Dimension mm
Sponge	TXC400-A1, TXC400-A3, TXC400-A5	434x130x20
	TXC600-A1, TXC600-A3, TXC600-A5	634x130x20
	TXC800-A1, TXC800-A3, TXC800-A5	834x130x20
	TXC1000-A1, TXC1000-A3, TXC1000-A5	1034x130x20
	TXC1200-A1, TXC1200-A3, TXC1200-A5	1234x130x20
	TXC1400-A1, TXC1400-A3, TXC1400-A5	1434x130x20
Suction cup	SPC30S	φ30
	SPC40S	φ40

○ Note: Sponges are consumables in this product. Please replace it in time according to actual working conditions, otherwise, it will affect the adsorption effect.
Operating temperature: -10 ~ 60 °C, do not contact with strong acid, strong alkali and other corrosive gas or liquid, do not contact with sharp objects.