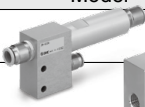




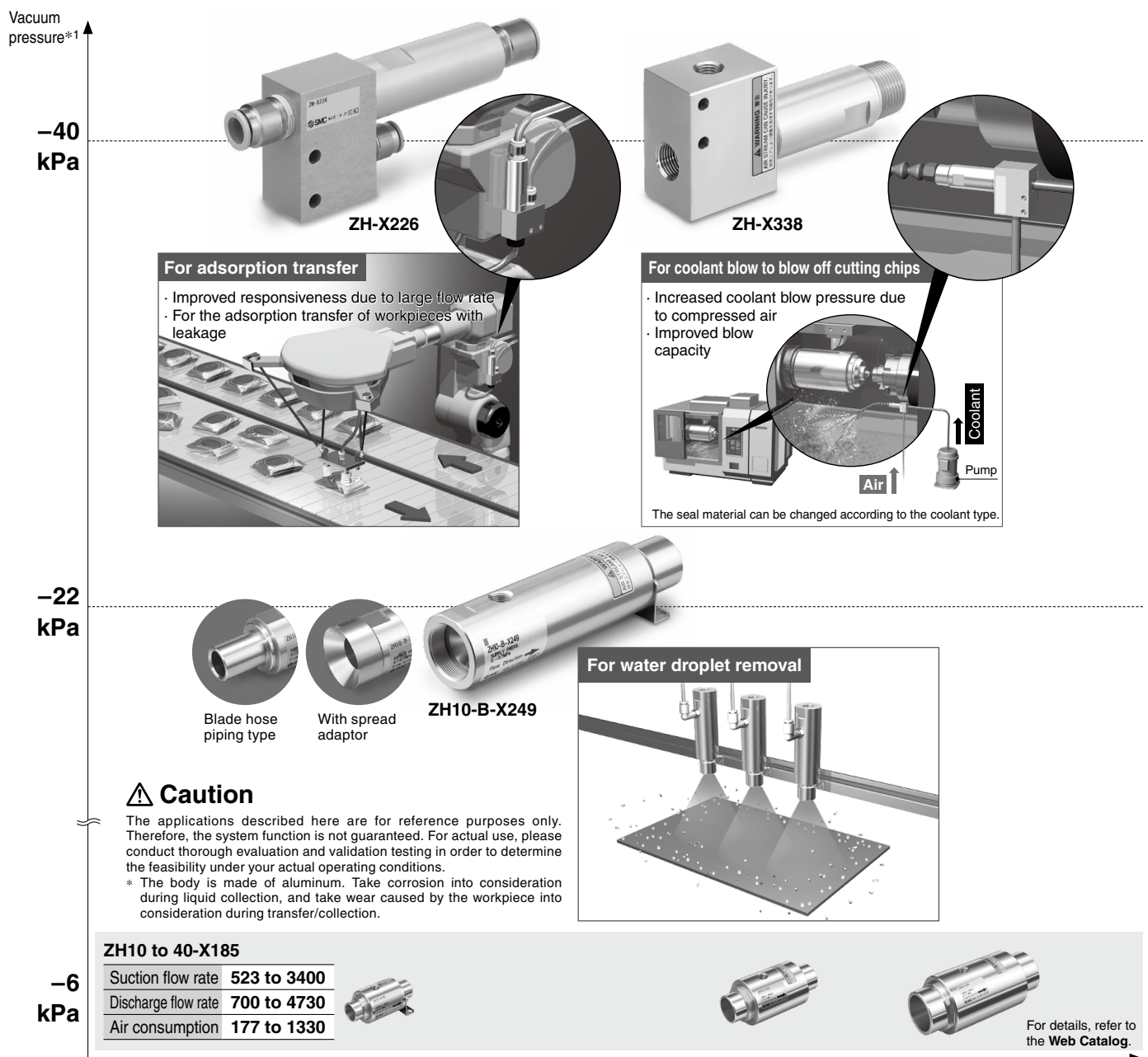
# Vacuum Flow

**High-flow blow** **Max. 1550 L/min (ANR)** and **vacuum** **Max. 880 L/min (ANR)** can be performed by supplying compressed air.

		L/min (ANR)		
Model		Suction flow rate	Discharge flow rate	Air consumption
ZH-X226		405	700	297
ZH-X338		880	1550	570
ZH10-B-X249		820	1160	340

At 0.5 MPa supply pressure

## Series Map



\*1 Vacuum pressure at 0.5 MPa supply pressure

# ZH-X226/X249/X338



19-E707

# Vacuum Flow ZH-X226

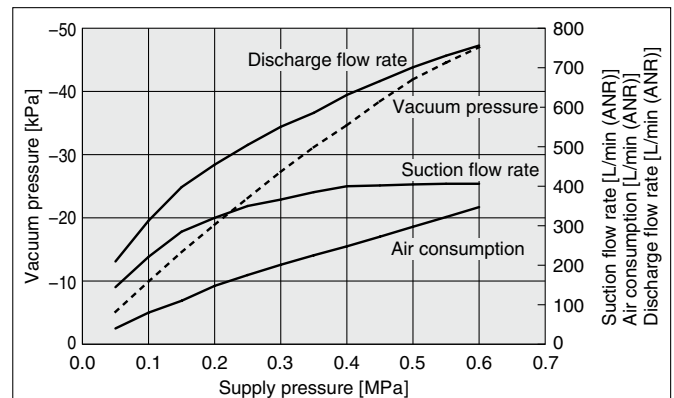


## Model/Specifications

Model	ZH-X226
Body material	Aluminum alloy
Seal material	NBR
Passage diameter	ø8
C [dm <sup>3</sup> /(s·bar)] (Effective area [mm <sup>2</sup> ])*1	0.83 (4.13)
Fluid	Air
Supply pressure range	0 to 0.7 MPa
Ambient and fluid temperatures [°C]	-5 to 80 (No freezing or condensation)
Weight [g]	240

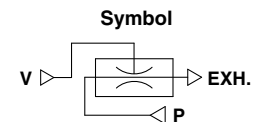
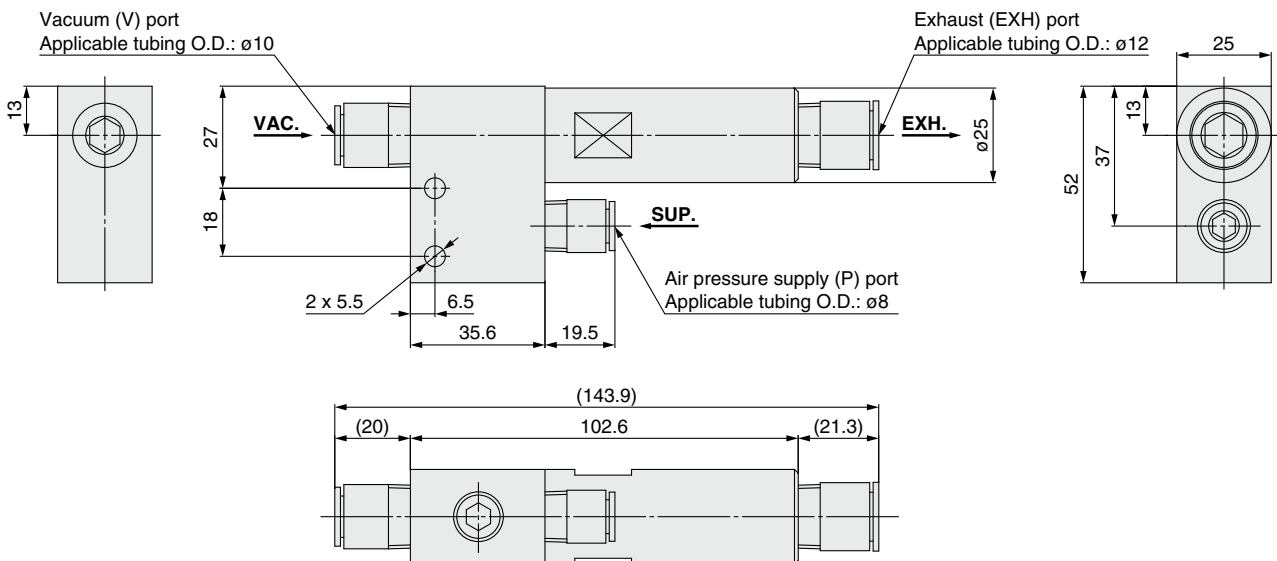
\*1 The C value and the effective area are theoretical values.

## Exhaust Characteristics



This data was acquired under SMC's measurement conditions. Therefore, the characteristics are not guaranteed. In addition, the data shows representative values and the performance may change depending on the piping conditions, etc. Be sure to conduct tests on the actual equipment to test for compatibility with the intended application.

## Dimensions



## ⚠ Specific Product Precautions

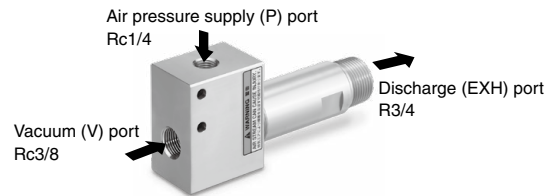
Be sure to read this before handling the products. For safety instructions and vacuum equipment precautions, refer to the "Handling Precautions for SMC Products" and the "Operation Manual" on the SMC website: <https://www.smcworld.com>

### Operating Precautions

#### ⚠ Warning

1. Because suctioned matter is ejected together with the exhaust, do not direct an exhaust port at a person or other equipment.
2. Do not use in an atmosphere which contains corrosive gases, chemicals, organic solvents, sea water, water steam, or where there is direct contact with any of these.

# Vacuum Flow ZH-X338



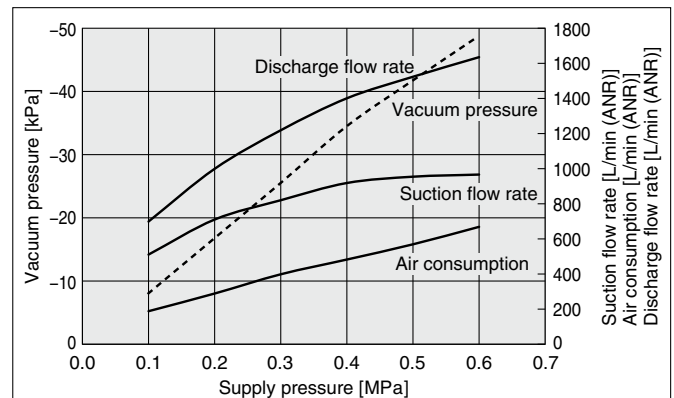
## Model/Specifications

Model	ZH-X338
Body material	Aluminum alloy
Seal material	NBR
Passage diameter	ø12
C [dm <sup>3</sup> /(s·bar)] (Effective area [mm <sup>2</sup> ])*1	1.58 (7.92)
Fluid	Air
Supply pressure range	0 to 0.7 MPa
Ambient and fluid temperatures [°C]	-5 to 80 (No freezing or condensation)
Weight [g]	328

\*1 The C value and the effective area are theoretical values.

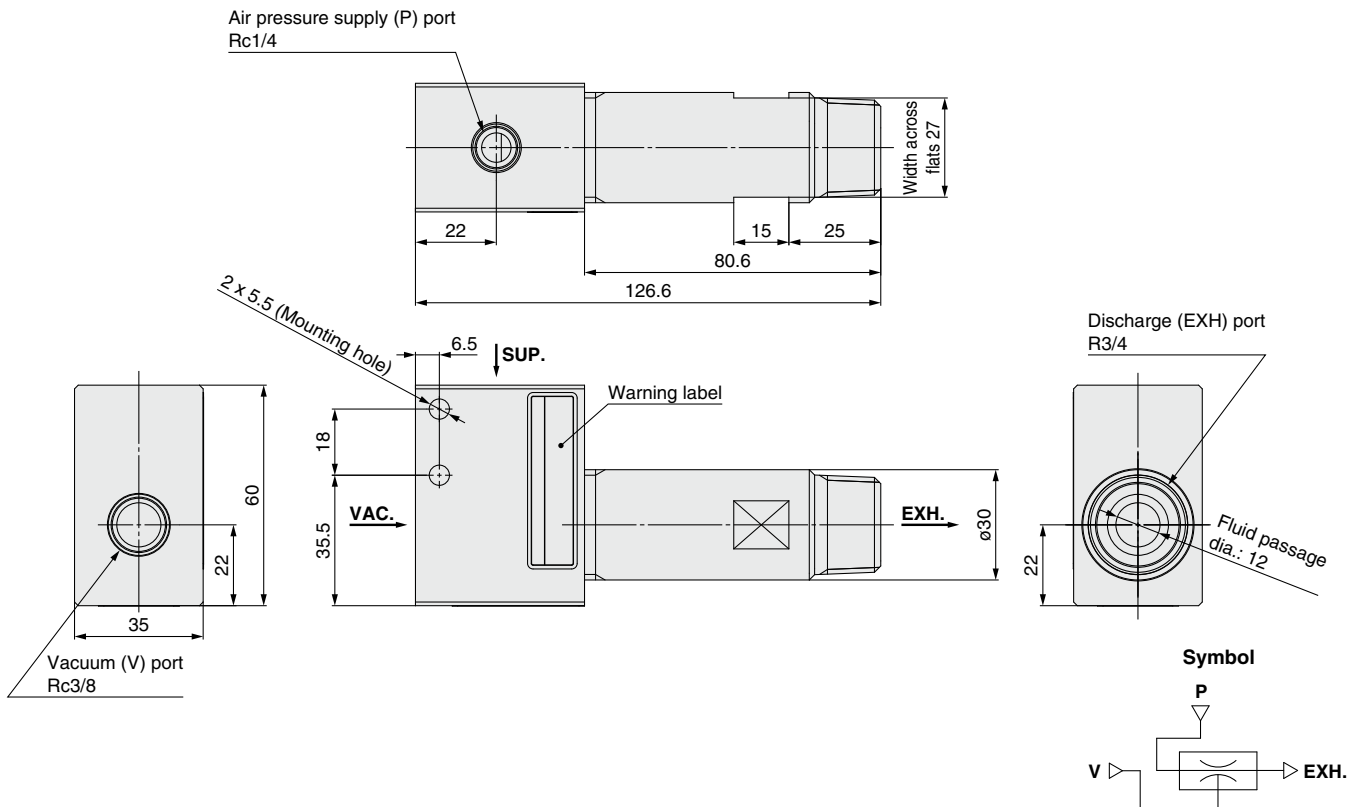
\* Refer to page 1 for specific product precautions.

## Exhaust Characteristics



This data was acquired under SMC's measurement conditions. Therefore, the characteristics are not guaranteed. In addition, the data shows representative values and the performance may change depending on the piping conditions, etc. Be sure to conduct tests on the actual equipment to test for compatibility with the intended application.

## Dimensions



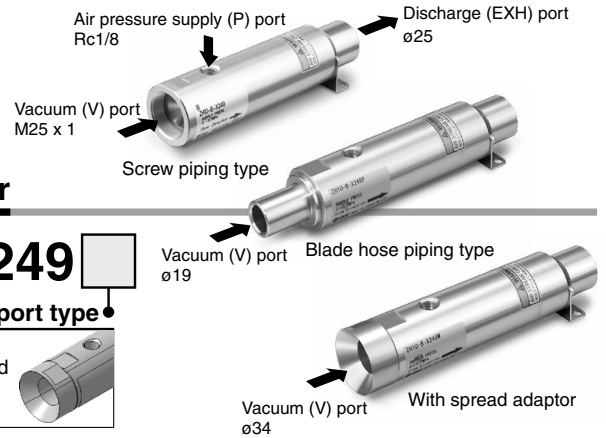
# Vacuum Flow ZH10-B-X249

## How to Order

### ZH10-B-X249

Suction port type

Nil	Screw piping type	P	Blade hose piping type	W	With spread adaptor
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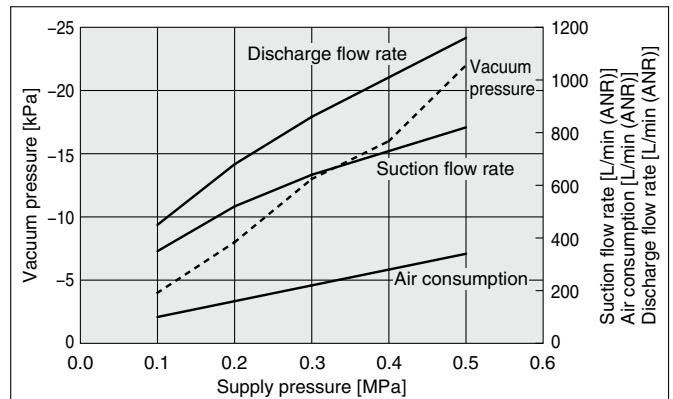
## Specifications

Model	ZH10-B-X249	ZH10-B-X249P	ZH10-B-X249W
Body material	Aluminum alloy		
Seal material	NBR		
Passage diameter	ø11.5		
C [dm <sup>3</sup> /(s·bar)] (Effective area [mm <sup>2</sup> ])*1	0.94 (4.72)		
Fluid	Air		
Supply pressure range	0 to 0.7 MPa		
Ambient and fluid temperatures [°C]	-5 to 80 (No freezing or condensation)		
Weight [g]	250	267	278

\*1 The C value and the effective area are theoretical values.

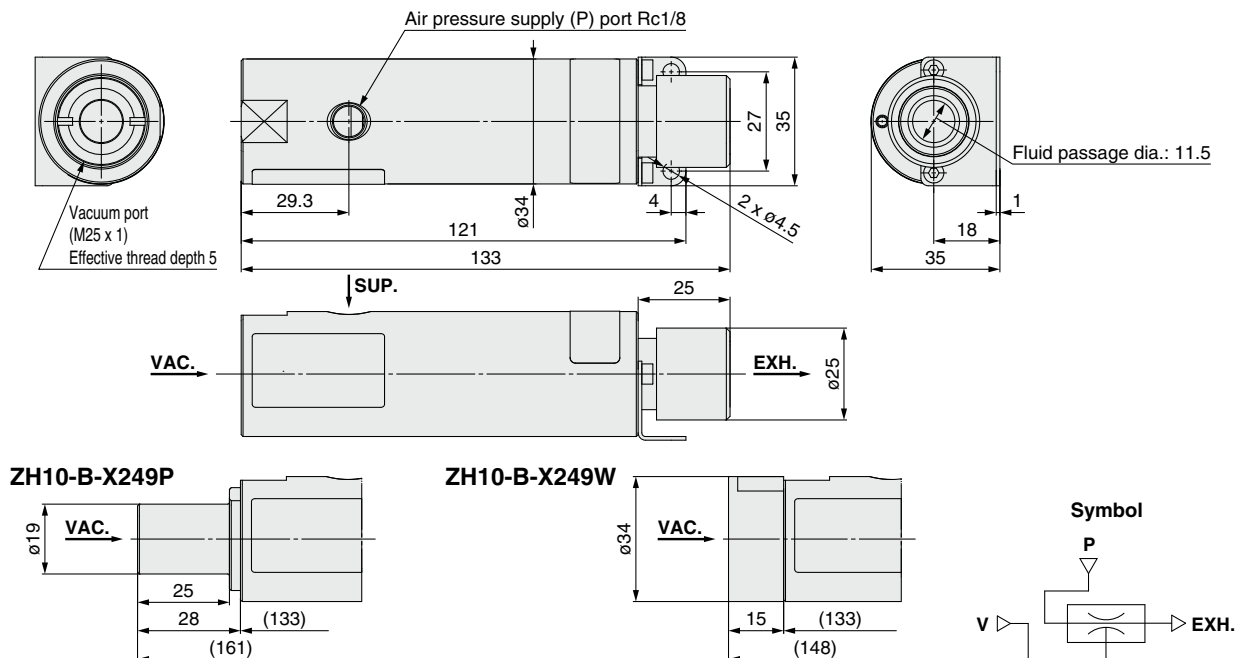
\* Refer to page 1 for specific product precautions.

## Exhaust Characteristics



This data was acquired under SMC's measurement conditions. Therefore, the characteristics are not guaranteed. In addition, the data shows representative values and the performance may change depending on the piping conditions, etc. Be sure to conduct tests on the actual equipment to test for compatibility with the intended application.

## Dimensions



**⚠ Safety Instructions** Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.