

ASBP Series

Basic Vacuum Pump



ABM/ABX

ABM/ABX
Combined type

ASM/ASX

ASM/ASX
Combined type

AM/AL/AH

AM/AL/AH
Combined type

AZL

ACP

ACPF

ACPS

ACV

AQV

AZH

AZU

ASBP

Features

- ◇ Pleasing industrial design, with mounting holes, easy to install
- ◇ Connection of compressed air and vacuum with threaded holes.
- ◇ Resin made housing, small size and light weight.
- ◇ Available in two types of vacuum flow specification.

Applications

- ◇ Ideal for decentralized vacuum generation in highly dynamic processes.
- ◇ Handling of electronic components.
- ◇ Construction of ejector blocks for decentralized individual control of suction cups.
- ◇ Used in separation system for plastic and metal plate processing.

How to order

ASBP 10

① ②

① Series	② Nozzle diameter	Silencer
ASBP	10 - ϕ 1.0 mm 15 - ϕ 1.5 mm	Standard, with silencer

Selection

Model	Standard silencer
ASBP10	●
ASBP15	●

◇Note: "●"- standard, in stock.

Technical parameters

Model	Nozzle diameter (mm)	Air supply pressure (bar)	Max. vacuum level (-kPa)	Max. Vacuum flow (NL/min)
ASBP10	1.0	4.5	85	38
ASBP15	1.5	4.5	85	72

Model	Air consumption (NL/min)	Noise level dB(A)	Weight (g)	Recommended hose dia. (mm)	
				Air supply (P)	Vacuum (V)
ASBP10	50	59	22	ϕ 6	ϕ 8
ASBP15	110	65	22		

◇Note: Max. operating pressure 7bar, standard operating pressure 4.5bar. Fluid and ambient temperature 0-60°C.

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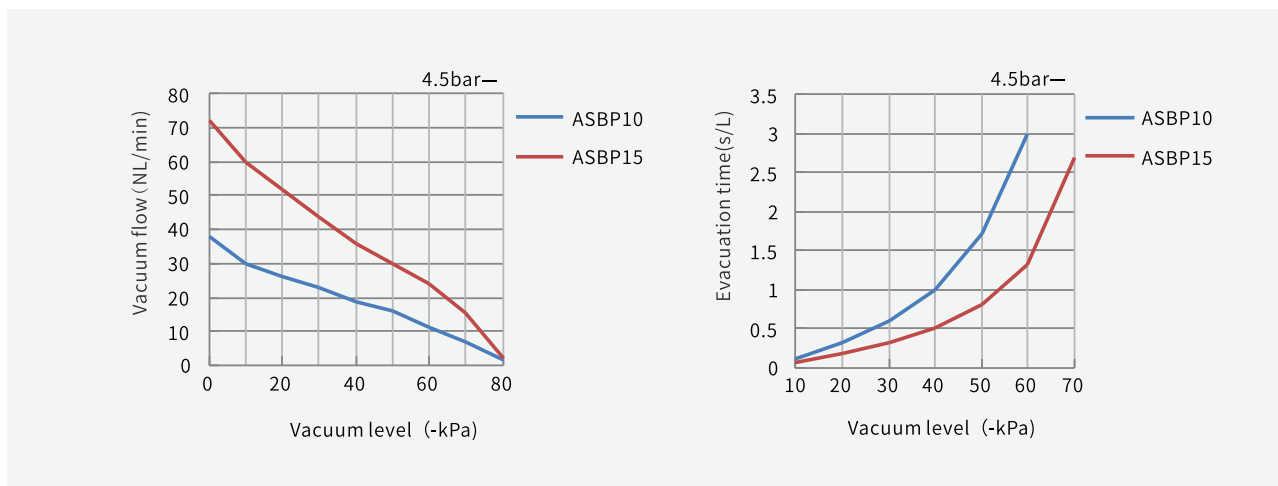
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Vacuum flow (NL/min) at different vacuum levels (-kPa)

Model	Air supply pressure (bar)	Air consumption (NL/min)	0	10	20	30	40	50	60	70	80	Max. vacuum level (-kPa)
ASBP10	4.5	50	38	30	26	23	18.6	16	11	7	1.8	85
ASBP15	4.5	110	72	60	52	44	36	30	24	15.5	2.2	85

Evacuation time (s/L) to reach different vacuum levels (-kPa)

Model	Air supply pressure (bar)	Air consumption (NL/min)	10	20	30	40	50	60	70	Max. vacuum level (-kPa)
ASBP10	4.5	50	0.13	0.33	0.6	1	1.72	3	-	85
ASBP15	4.5	110	0.06	0.18	0.32	0.52	0.81	1.32	2.7	85



Dimensions (mm)

