ASBP Vacuum Pumps/Generator Basic

Features

- Plastic housing, lightweight, and compact.
- Threaded connection.
- Open-type silencer.

Main excellence

- Suitable for situations in fast-moving systems where vacuum is needed at various workstation elements.
- Offers various output powers, meeting the minimum air consumption requirements.
- Easy installation, space-saving.
- Low noise and minimal maintenance requirements.

Application

- Used in feeding systems.
- Handling electronic components.
- Used in separating workpieces during metal sheet processing.
- Vacuum generator assembly structure that can control individually dispersed suction cups.

Structure

- The outer casing is made of lightweight and impact-resistant plastic.
- Threaded holes are used to connect the compressed air and vacuum lines.
- Smooth exterior design.
- Can be installed flat using threaded holes or vertically using a mounting base.

Product application areas

Electronics industry

automotive industry

packaging industry

Food industry

pharmaceutical industry

woodworking products

Technical Specifications

Model	Nozzle Diameter (mm)	Vacuum level (-kPa)	Maximum vacuum flow (l/min)	Air consumption rate(l/min)	Noise level during object suction db(A)
ASPBP 10 SDA	1.0	-85	38	50	59
ASPBP 15 SDA	1.5	-85	72	110	65

Model	Noise level during idle time db(A)	Operating pressure bar	Recommended compressed air hose inner diameter (mm)	Recommended vacuum hose inner diameter (mm)	Weight g	Operating temperature (° C)
ASPBP 10 SDA	65	4.5	4	6	22	0-60
ASPBP 15 SDA	72	4.5	4	6	22	0-60

Order Code

ASBP 15 G2 SDA

① ② ③

①Nozzle diameter

10	Ø1.0
15	Ø1.5

②

Threaded hole	G2 found in the right table

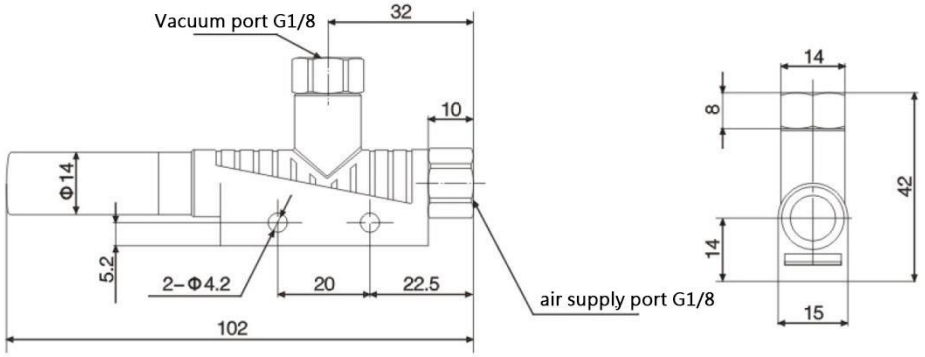
③

empty	unmarked
SDA	With axial silencer

Threaded connection

Model	Connection: Quick/ Threaded connection	
ASBP 10 G2	SUP	VAC
ASBP 15 G2	G1/8	G1/8

Dimensions



The vacuum flow (l/min) at different vacuum levels (-kPa)

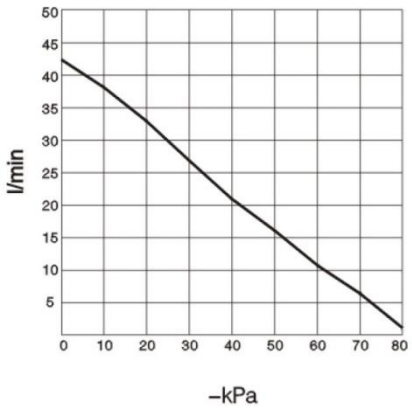
-kPa / Model	Supply air pressure	Air consumption rate	0	10	20	30	40	50	60	70	80	Maximum vacuum level
ASBP10	4.5bar	50 /min	38	30	26	23	18.6	16	11	7	1.8	-85kPa
ASBP15		110 /min	72	60	52	44	36	30	24	15.5	2.2	

Evacuation time (s/l) at different vacuum levels (-kPa)

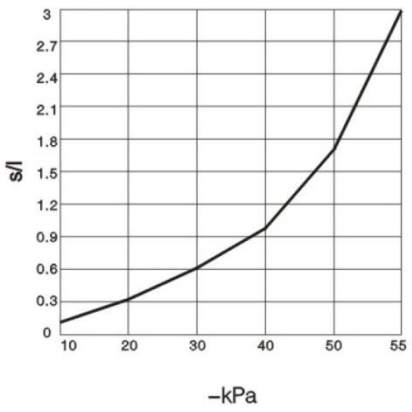
Model \ -kPa	Supply air pressure	Air consumption rate	10	20	30	40	50	60	70	Maximum vacuum level
ASBP10	4.5bar	50 /min	0.123	0.323	0.6	1	1.72	3	-	-85kPa
ASBP15		110 /min	0.06	0.18	0.32	0.52	0.81	1.32	2.7	

ASBP10

Vacuum flow rate 4.5bar—

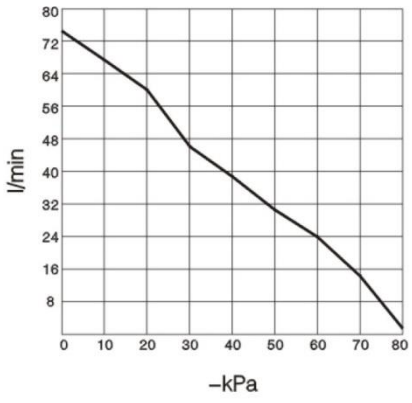


Evacuation time 4.5bar—



ASBP15

Vacuum flow rate 4.5bar—



Evacuation time 4.5bar—