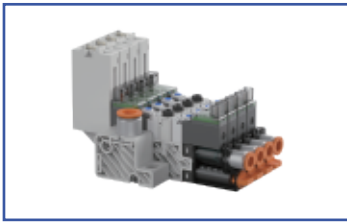


Small vacuum generator

VB/VBP series

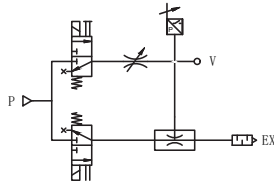
Small vacuum generator VB series



VB 06 1 - 4 6 S - SP - 08

① ② ③ ④ ⑤ ⑥ ⑦

- Micro valve direct drive, high-speed response
- Integrated vacuum switch, left and right installation direction can be switched, real-time monitoring of suction state, prevent workpiece off.
- Ultra-low energy consumption (gas consumption 6L, solenoid valve power 1W)
- Adding RS-485 communication makes debugging and parameter setting simple.
- Nozzle diameter 0.4/0.6mm
- Multi-function control integrated absorption unibody design, super compact structure, only 10 mm wide.



Gas path schematic diagram

① Nozzle diameter

code	Nozzle diameter (mm)	vacuum (kPa)	Suction flow rate (L/min)	Consuming data (L/min)	Use pressure (MPa)
04	0.4	-90.4	2	6	0.5
06	0.6	-90.4	5	12	0.55

[note] The flow data of different mufflers vary

② Subject form

code	Subject	Additional interface specifications
1	Vacuum air sharing air supply port	no
2	Single vacuum air supply port	4mm
3		6mm

③ Vacuum working (V) interface

code	Interface diameter
4	4mm
6	6mm

④ Air supply (P) interface

code	Pipe diameter
6	6mm
8	8mm

⑥ Vacuum pressure switch output

code	Output specification
N	Vacuum free switch
SP	2* NPN
SA	2* PNP
SB	1*NPN+1* (1~5V)
SD	1*PNP+1* (1~5V)
SPC	1*NPN+1*RS485

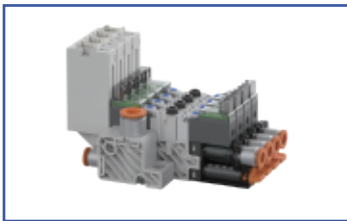
⑤ Exhaust method (EX)

code	Specification
S	Muffler exhaust

⑦ The number of packages

code	02	03	04	05	06	07	08	09	10
No. of combinations	2	3	4	5	6	7	8	9	10

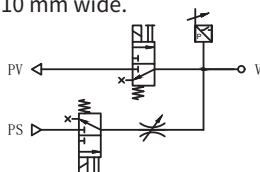
Small vacuum pump unit VBP series



VBP - 6 6 6 - SP - 08

① ② ③ ④ ⑤ ⑥

- Vacuum pump unit
- Integrated vacuum switch, left and right installation direction can be switched, real-time monitoring of suction state, prevent workpiece off.
- Ultra-low energy consumption (gas consumption 6L, solenoid valve power 1W)
- Adding RS-485 communication makes debugging and parameter setting simple.
- Micro valve direct drive, high-speed response
- Multi-function control integrated absorption unibody design, super compact structure, only 10 mm wide.



Gas path schematic diagram

① Vacuum pressure holding

code	blank	R
code	Ordinary type (No holding voltage)	Pressure holding type (Power vacuum pressure)

③ Positive Pressure supply (PS) interface

code	Pipe diameter
4	4mm
6	6mm

④ Negative pressure vacuum supply (PV) interface

code	Pipe diameter
6	6mm
8	8mm

② Vacuum working (V) interface

code	Interface diameter
4	4mm
6	6mm

⑤ Vacuum pressure switch output

code	Output specification
N	Vacuum free switch
SP	2* NPN
SA	2* PNP
SB	1*NPN+1* (1~5V)
SD	1*PNP+1* (1~5V)
SPC	1*NPN+1*RS485

⑥ The number of packages

code	02	03	04	05	06	07	08	09	10
No. of combinations	2	3	4	5	6	7	8	9	10