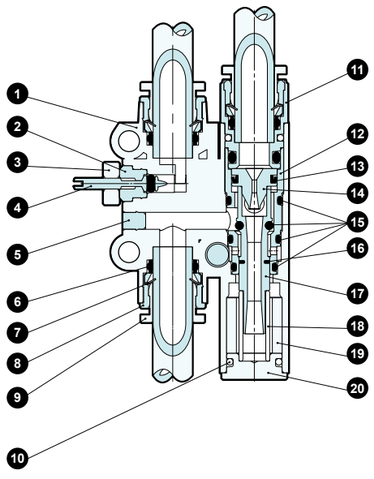
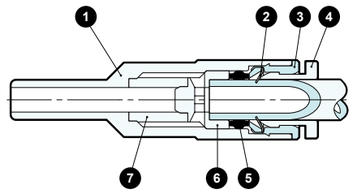
Internal Structure Diagram/Materials

●VSY



Part No.	Part Name	Material
1	Resin Body	Polybutylene terephthalate resin
2	Upper Plug	Brass, Electroless nickel plating
3	Lock Nut	Aluminum alloy
4	Breaking Needle	Stainless steel
5	Plug 2	Brass, Electroless nickel plating
6	Elastomer Sleeve	Nitrile rubber
7	Locking Finger	Stainless steel
8	Guide Ring	Brass, Electroless nickel plating
9	Release Ring	Acetal Resin
10	Spring Pin	Stainless steel
11	Cartridge	-
12	Sleeve	Brass, Electroless nickel plating
13	Y-Packing	Nitrile rubber
14	Nozzle Piston	Brass, Electroless nickel plating
15	O-ring	Nitrile rubber
16	Spool Packing	Special Nitrile Rubber
17	Diffuser Spool	Brass, Electroless nickel plating
18	Diffuser Spring	Stainless steel
19	Silencer Element	-
20	End Plug	Brass, Electroless nickel plating

●Vacuum Filter



Part No.	Part Name	Material
1	Resin Body	Polypropylene resin
2	Locking Finger	Stainless steel
3	Guide Ring	Brass, Electroless nickel plating
4	Release Ring	Acetal Resin
5	Elastomer Sleeve	Nitrile rubber
6	Element Retainer	Acetal Resin
7	Filter Element	Polyvinyl formal

Pneumatic Components

To Use This Product Safely

Be sure to read this before use.
For general pneumatic components precautions, Intro 15 for details.

Individual Precautions: VSY Series

Design / Selection

Warning

■Read the catalog carefully regarding the piping method of VSY vacuum ejector. Incorrect piping methods can potentially cause personal injury or equipment damage.

■Since the filter body material is PP, the resin may deteriorate due to direct sunlight or ultraviolet rays.

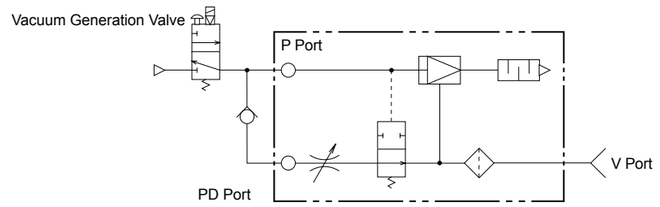
Caution

■Read the catalog carefully regarding flow rate adjustment and burst time adjustment for burst air.

■The built-in vacuum filter cannot be replaced with an element Discrete. When replacement is necessary during maintenance inspections, etc., the entire filter body must be replaced.

■When using different pressures for supply air for vacuum generation and vacuum burst, be sure to set the pressure for vacuum burst lower than that of vacuum generation. If it is higher than the vacuum generation supply air pressure, it may lead to leaks.

■When using the following piping method, burst air may enter instantaneously from the check valve and be emitted from the V port until the shut-off valve completely switches over.



For precautions regarding mounting, installation, adjustment, operation, and maintenance, please refer to the CKD Equipment Product Site (https: //www.ckd.co.jp/kiki/en/) → 'model No.' → Instruction Manual